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Performance in Motion

Engine Oil CERTIFICATIONS







COMPANY PROFILE



Sinopec Lubricant Company, is the largest high-tier lubricant manufacturer and marketer in China with a production capacity of over 1.46million tons of packaged lubricants per year. With 5 regional sales center across China, many more sales subsidiaries all over the world, 11 lube oil & grease blending and manufacturing branches domestic and 1 branch company in Singapore, as well as two independent R&D Centers in Beijing and Shanghai, It integrates the function of lubricant manufacturing, research, storage, transportation, sales and service.

Equipped with world-class automatic blending and packaging production line, Sinopec Lubricant Company provide over 700 kinds of lube oils and greases in all 20 categories including crankcase oil, industrial gear oil, hydraulic oil, greases, anti-coolant, brake fluid, metal working fluid, marine oil and additives, etc., which are widely used in the fields of aviation, space flight, automobile, machinery, metallurgy, mining, petrochemical engineering, electronics, etc. As one of China Aviation Partners, Sinopec Lubricant Company is devoted to providing lubrication service for Shenzhou series manned space flight and Chang'e series lunar probe satellite, making great contributions to the development of China aviation and space flight causes.

With high-quality raw material and high-tech formulations evaluated by strict engine and bench tests, our products fully meet national standards, as well as other requirements of special specification standards of ISO, API, etc. With stable product quality, the company has completed ISO16949 and HSE management system certification.R&D institutes in Beijing, Shanghai and Chongging all have "National Laboratory" certificates, and can undertake application research projects of both national and ministerial level, independently formulating various lubricant products to meet special market requirements under the technological support of RIPP (Research Institute of Petroleum processing). Some products have got technology certificates from world famous automobile manufacturers, such as Daimler-Chrysler, VW, Mercedes-Bens, Volvo, and MAN and became the first lubricant option of some large-scale group Corporations including FAW-VW, Dongfeng Motor Corp., Shanghai GM, Shanghai VW, Chery, Baosteel Group Corp., etc. Besides, Sinopec has established its Automobile Industry Technology Center with Sinopec Lubricant Company as the core to serve as the platform for cooperation with the automobile industry.

In the process of development, Sinopec Lubricant Company has gradually nurtured its unique brand culture and strategy on international development. Insisting in building a high-tech, high-quality, international brand image, Sinopec lubricants have entered into more than 50 countries and regions such as Australia, New Zealand, Malaysia, etc. Service network of marine oil have been set up in Singapore, The Emirates, South Africa and ready to expand to Europe and America. In 2012, the brand value of "Great wall Lubricant" boosted 22.3 billion RMB, ranked 52ed in China's most valuable brand list in 2012 and 1st in Chinese lubricant Industry.

Devoted to development of Chinese lubricant causes, Sinopec Lubricant Company has actively participated in international competition and made efforts in seeking long-term cooperation relationship with relative industries to achieve mutual development.

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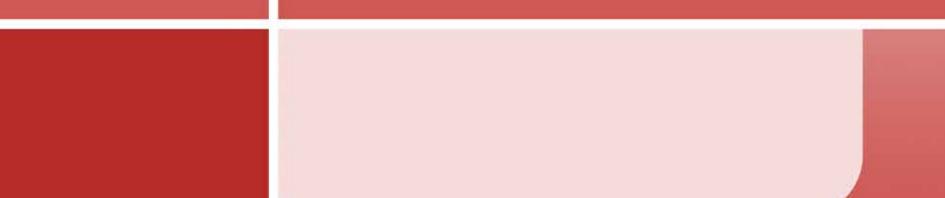
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Engine Oil Passenger



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Engine Oil for Passenger Vehicle

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Certification of GM

SINOPEC Dexos 2 engine oil (5W-30, 5W-40)

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Certifications

5

主題: GM approval 日期: Sun, 9 Apr 2006 23:05:01-0400 发件人: "Fam, Yi Gong" < YiGong, Fan@Infineum.com> 软件人: "晝音 杨" < yanghuiqing_cn@yahoo.com.cn>

From: Smith, Larry Sent:2006年4月6日 2:46 To:Butzgy, Karen; Aranda, Violeta Cc:Fan, Yi Gong Subject: RE: GM China F/F and S/F

General Motors has finally reviewed this request and granted a toxicity clearance for use of this material in the plants. The approval number of Great Wall Polar Star is HMCS#1185046.

Regards Fan yl gong Marketing Technical Service Representative Infineum Beijing Representative Office

Lacry

the Great Wall Ultram Oxid 20407-0 50-60 product has been approved by the OHIMA Mar Devices folks. The MECL marker assigned to the product is 1200900. This marker word's mean anything to you, but it should have meaning for the folks at the OH plans in Ohima.

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Certification of GM

SINOPEC Justar series SM/GF-4 5W-30 gasoline engine oil series, 9986231 certification

	BMW Group	
	Bille AG, MORE Muranes	
	Lubricant Company, SINOPEC Corp. Attn. Mr. ChunHui Zhang	
	No. 6 AnNingZhuang West Road HaiDian District 100085 BELINIG	
	CHINA	
Your where on the two of tw	10.09.2006	
Department from Tompton	+49-89-382-34669	
tes De	 volfgang kohlhepp@bmw.de 27.02.2008 	
Subject	BMW approval for "Ultra Gold, SAII 5W-30"	
	Dear Mr. ChunHui Zhang.	
Reprint Mature Contr Americant	 Herewith we transfer the approval as "BMW Longlife-01" oil, given for the product "OS 199250" of Lubrizol, to your product "Ultra Oold", SAE SW-30. Consequently it is approved according to our approval procedure (Sth Issue June 2006) for the usage in BMW engines operating in 	
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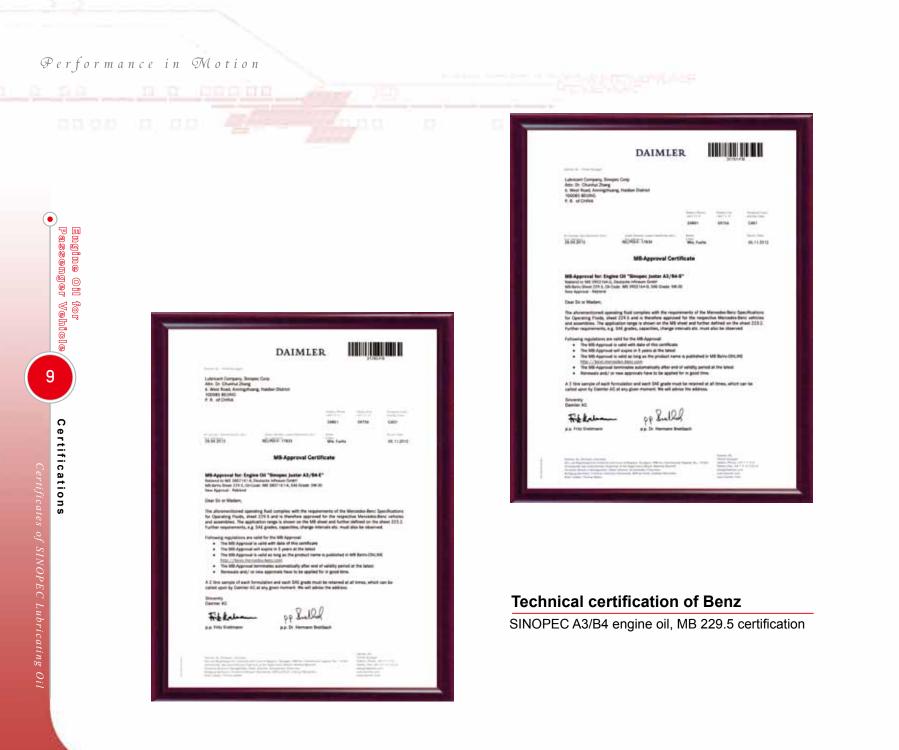
SINOPEC Justar series SN 5W-30 gasoline engine oil

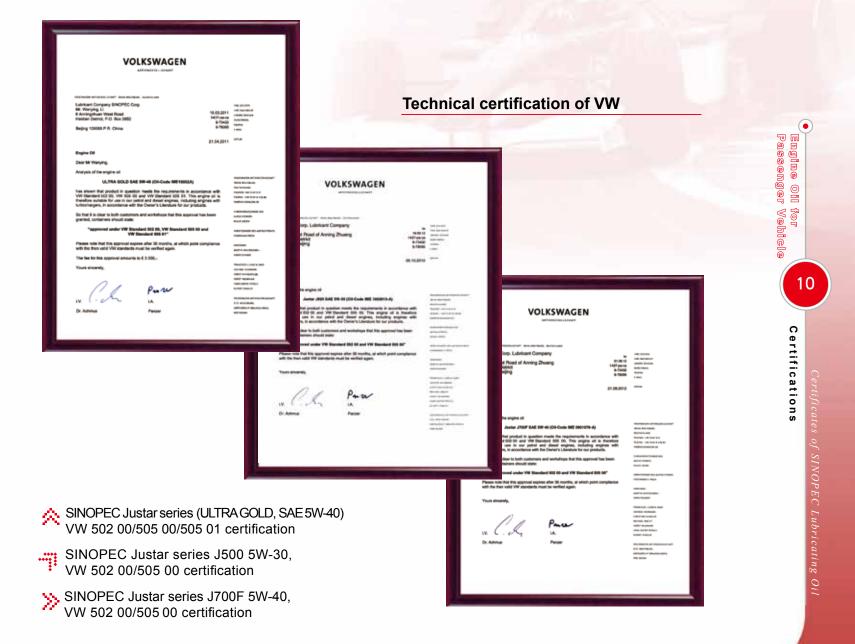
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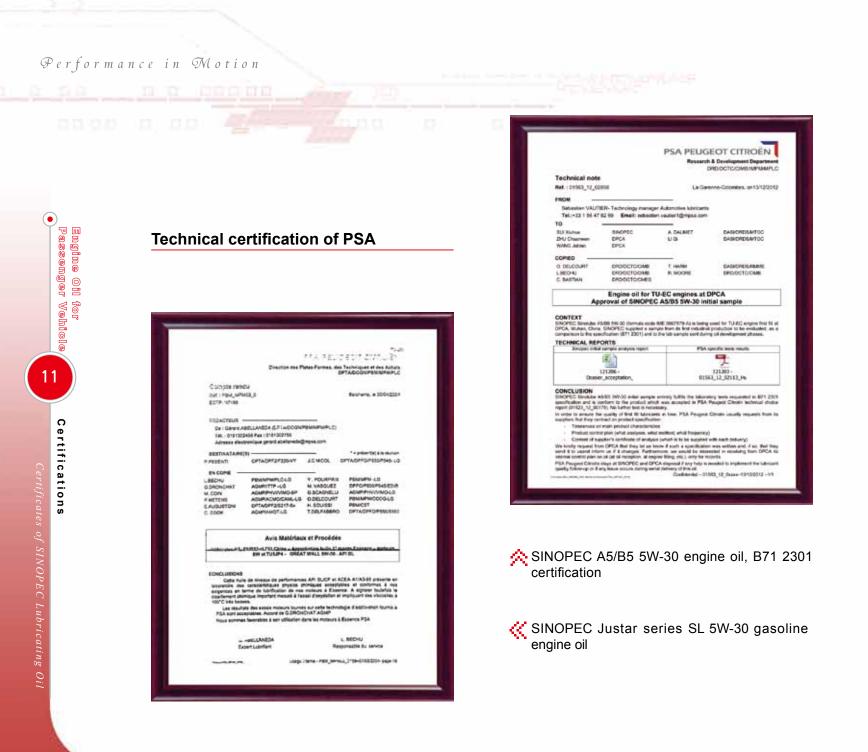
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SINOPEC Justar series J700F 5W-40 gasoline engine oil









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Certification of FAW-Volkswagen

SINOPEC Justar series SJ 5W-40 gasoline engine oil, FAW-Volkswagen OTS certification

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Certificates of SINOPEC Lubricating Oil

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Engine Oil for Passenger Vehicle

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Certification of GTMC (Guangzhou Toyota Motor Company) SINOPEC GF-4 10W-30 engine oil

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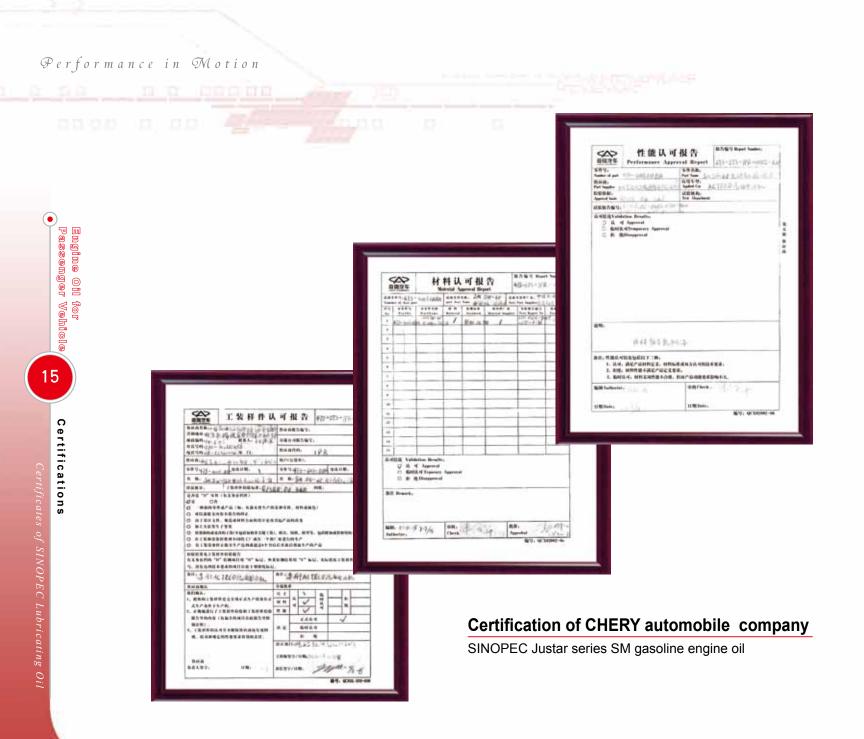
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Technical certification of DPCA (DONGFENG PEUGEOT CITROEN AUTOMOBILE COMPANY)

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Engine Oil for
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Engine Oil for Passenger Vehicle

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Certifications of Engine Oil for Commercial Vehicles

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API AMERICAN PETROLINA INSTITUTE Liness No. 1827 SCHEDULE A - LICENSE AGREEMENT The marks informed to and thermal adder the Agreement between API and GREATWALL LEBE OR COMPANY - MNOPEL for the particle beginning 2117(07) and rading 2177014 are as follows: ATLAUXICE HOUSE te bana a de Alioneg pasas An receptor series a de autor Cause la de la de alione Element is authorized to dialase the API Investor Standard on the following phonon: REPORT DECEMPANTAL CREASE AND CREASE AND AND CREASE AND AND CREASE AND AND CREASE AN PLOTE AT M ENOTIC ALENAL PART Emotion POLAR (TAR) long Direct ENGINE FELSE NEW DIONEC LETING DISCH IT long Des 17810917 LTRU HILL 17640005 LTRI VELA unigs filmer unigs filmer ing firm Away Courses Away Courses Saray Courses Re della bitt the call and Twee Ferrick Engine Oil Licensing and Certification System EDUCK Manager of Op-

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Certification of API

SINOPEC Tulux series diesel engine oil

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Engine Oil for Commercial Vehicle

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	rolongation of approval until: 15.04.2012 Marketing area: Asia Pacific		
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De	lear Sirs,		
	e are pleased to inform you, that the approval for the super high performance diesel engine oil earing the designation		
	Golden Dragon		
	SAE 15W-40		
har	as been prolongated for the next two years under MAN approval-no.		
	TUC 7874/08		
orig	his prolongation is only available for the unchanged formulation and in combination with the riginal approval letter. The approval will automatically expire at the point in time indicated above,		
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Yo	ours faithfully		
MA	IAN Nutzfahrzeuge Aktiengesellschaft		
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1000	Instander des Aufschlundes: Rupert Stader MAN Nucleivourge Astengeseitschaft		
Vor	Instand: Dr. Ing, Georg Pachta-Rayhofen (Sprecher), Law Wrebo Poetlach: 44 02 58 - 90007 Alimberg and Malehofer, Dr. Frank Hiller, Karl Gadeemann Vogelweiherstraße 33 - 90441 Nümberg		
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Technical certification of MAN

SINOPEC E7 heavy load diesel engine oil, M3275-1 certification

Engine Oil for Commercial Vehicle

SINOPEC

(CARDA) MAN Nutzfahrzeuge AG This subdivious intergrational Cognorie states (1 Minis Surviva SINOPEC Corp. Lubricare Company Hr Chun Hu Zhang NO.6 An Ning Zhuang West Road, Haidian District. 100005 Berling P.R.China ine leases the barrow int BRUND-2022 PROVIDE HTWY ARE IN 22.23.251 M 3277 Approval according to Start of expression 21,10.2010 End of approval. 20.18.2013 Marketing area: Asia, Europe, Oceania Dear Sire we are pleased to inform you that the super high performance diese engine of bearing the designation SINGREC GOLDEN DRAGON nil mote: 06224684 has been approved by MAN Nutsfahrspuge Aktiengeselschaft under the MAN approval No. TUC 0821/10 for SAE 10W-40 This approval is limited and will automatically expire after this period, unless an extension has been applied for in good time by the maker or supplier The approval will expire before the end of this period if the approved formula has been changed if negative fields results are recorded. Yours faithfully MAN Nutritehnimuge Aktiengesellschaft Unie iA. 12. · Name and

hance MAN Nutztahrzeuge AG And a second second representation of the local SINCREC Cost: Lubricant Company Mr. Churt Har Zhang No.6 An Ning Zhuang West Road. Haidlah Debict 100066 Beijing P.R. Chine ris brine The Rest of Lot of 0011-020-0520 ORTHADS FAUR WTWY, DAY IS \$1 TO 2010 M 3277 Approval according to 21.10.2010 Start of approval: End of sporoval 20.10.2018 Marketing area Asia, Europa, Ocsania Over Sire. we are pressed to efform you that the super high performance deski langine of bearing the designation SINOPEC GOLDEN DRADON has been approved by MAN Nutsfahrzouge Aklengeselschaft under the MAN approval No. TUC 0520/10 for BAE 10W-30 This approval is limited and will automatically expire after this period, unless an extension has been applied for in good time by the maker or supplier. The approval will expire before the end of this period. If the approved formula has been changed # negative fields results are recorded. Yours faithfully MAN Numfahrzeuge Aktiengesellscheft Unzi 1 iA Lais Sector In the Galaxies and Municipal Teneror unit (min appro Managements and Darias B. 2 70-000 dr Annu (M0000) Managements and Barras B. 2 70-000 dr Annu (M0000)

Technical certification of MAN

SINOPEC E4 heavy load diesel engine oil, M3277 certification

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Engine Oil for Commercial Vehicle

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SINOPEC Tulux series T500 15W-40 diesel engine oil, CES20078 certification

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SINOPEC

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Certifications

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SINOPEC Tulux series CF-4 diesel engine oil (Cheetah,SAE 15W/40), CES20075 certification

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Engine Oil for Commercial Vehicle

Cummins Engine Co Box 3005 Columbu 47202-30	mpany, Inc. , , Indiana)05	(
June 17, 19	99			
	Lubricating Oil Group ngzhaung Xilu, Haidian District			
Dear Yuank	ai.			
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Sincerely, John P. Grad Fuels and Li	1- forders			

Technical certification of Cummins

SINOPEC natural gas engine oil (Phosphor Star, SAE 15W-40) CES20074 certification

SINOPEC

Approval request

LDF Approval [1dfapproval@scania.com] 发送时何: 2012年8月29日 20:56 代件人: 用意味

Approval for Scania LDF-3

SINOPEC TULUX T600LD in SAE 10W-40 viscosity class has been granted approval as

Scania LDF-3 oil until 2014-09-01.

Any change in the oil formulation must be reported to Scania by sending an email

to:LDFapproval@scania.com

Extension of approval is possible by sending an email to: LDFapproval@scania.com, two

months prior to the approval expiry date.

Ms. Michelle Jose Lubrication System Engine Development



Technical certification of Switzerland SCANIA

SINOPEC Tulux series T600 LD diesel engine oil, LDF-3 certification

Engine Oil for Commercial Vehicle

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Technical certification of Switzerland SCANIA

SINOPEC Tulux series T300 15W-40 diesel engine oil, LDF certification

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		Commercial Vehicle
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Scania LDF- report: Brand Contents 1 Summary	ame Dynamic Ultra, SAE 15W-40. Page 2	C ertitications
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VOLVO	
Volvo Powertrain Corpora	lion
STD 417-0001 ap	proval request
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Data supplied by re	questing company
Company name.*	Lubricant Company, SINOPEC Corporation
Brand name:*	SINOPEC TULUX T600
Oil code:	SILT600154
Viscosity grade:	15W-40
Marketing area:	Global
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*) As they shall appear in	
Date of submission	2012.JAN 6th
Submitted by	
Name:	ZHOU PEIXUN
Company:	Lubricant Company, SINOPEC Corporation
Return approval to:	
Name:	ZHOU PEXUN
e-mail:	zhoupx.lube@sinopec.com
Approval	
	Volvo VDS-4 approval Yes
	Mack EO-O Premium Plus approval Yes Renault VI RLD-3 compliance Yes
	Renaux vi PccP-3 compiance res
Approval date	t: January 18, 2012 Approval #: 417-0001-12-387
Validity:	Approval expires two years after the approval date.
	For approval extension, a complete and updated approval form must be
	submitted at the expiry date ± two months.
Signed:	Volvo Powertraib Corporation
ordinary.	31/11/0
	BURGE
	Berigt Otterholm
	Lubricants Coordinator

SINOPEC Tulux series T600 15W-40, VDS-4 certification

SINOPEC Tulux series T500 15W-40 diesel engine oil, VDS-3 certification

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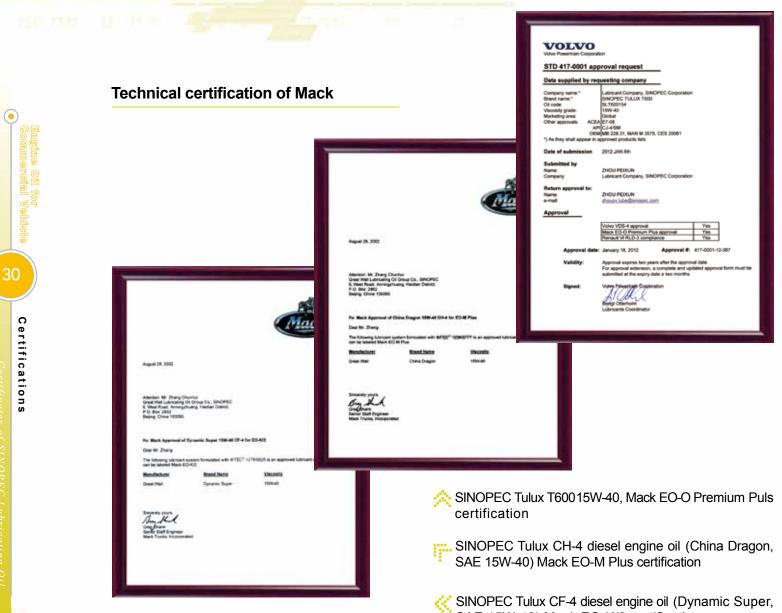
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Dear Sr.				
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1999-08-11	- 46 31 59 55 85	- 46 31 59 55 96	06150-09-8-0174	l.	
Dear Sir.					
REQUEST FOR V	DG-2 ACCEPTANCE				
With reference to y	With reference to your letter I would like to give the following comments.				
From your letter I could see that your Greatwall Leopard , SAE 15W-40, with the formulation stated in the letter, meets VDS-2 and hence could be recommended as a VDS-2 oil.					
Please keep Volvo product.	i formed about any formula	stion changes to the at	ove mantioned	l	
I hope this information	tion will be of assistance to	yau.		l	
Yours faithfully,				L	
VOLVO TECHNOLI KACAL DEVELOPMENT CORPORATION					
Energy Conversion Fuels and Lubrican					
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early one-ter					
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SINOPEC Tulux series T400 15W-40 diesel engine oil, VDS-2 certification

SINOPEC Tulux series T300 15W-40 engine oil, VDS certification

		SINOPEC		
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VOLVO				
Volvo Powertrain Corporation				
STD 417-0001 approval request Data supplied by requesting company				
Company name." Lubricant Company, SINOPEC Corporation Brand name." SINOPEC TULUX TISO				
OF code: 51,1700154 Viscosity grade: 15VF-40 Marketing area: Global		the second se		
Other approvals: ACEA[E7-08 API]C2-45M OEN[WB 228.31, MAN M 3575, CE5 20081			Q	
*) As they shall appear in approved products lists	The second se		Engine Oil fe Commercial	
Date of submission 2012.044.69 Submitted by				
Name 2HOU PERUN Company: Lubricant Company, SINOPEC Corporation				
Return approval to: Name: 2HOU PEXUN	cation ND definit an lubrifiant makeur reportant iss minimum is is classification 99-83,			
e-mait zhoues.Medizineers.com	cation RLD defait un tabilitat moter répondent au revenue à la classification SPLES et autoint l'assait MACK TB selon la sphistication MACK EC-M PLUS.			
Volvo VDS-4 approval Yes Mack (C-O Premium Plus approval Yes	Autoration 8000 delivelt an KAInflant motion correspondent au minimum 8 to classifica 20-24 et estelatet Freezil MPCK TB estor la spherbiseton MACK EC-48 PL/20.		or Vehicie	
Plenault VI RLD-3 compliance Yes	Indication IPGD definit on Isbelliam specifique pour metinal GA2 répondant aux cons subvantes : I ACEA (IN-CE (IN-CE))		e la	
Approval date: January 18, 2012 Approval 6: 417-0001-12-387 Validity: Approval expines two years after the approval date.	inte = 108 ne authobies ± 1%			
For approval extension, a complete and updated approval form must be submitted at the expiry date a two months.	pro differents labels RD, RS,D, RXD al RGD, its lutificants ne pourrant liter ofer aux utilizations de carrelors REMAIS.T que stats la traporaziabilit piete et a de vete solutió que distributor se produito.	The second se	(29	
Bigned: Video Meastrik Contraction	tre, la forte technique de chaque produit mantionnant la spécification REMART 1/ N ROD, donna indiquer :			
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and the second se	PREDAULT VI PREDAULT VI	GREAT WALL LURRCATING OIL GROUP CO.SINC/PCC EVEST ROAD ANNINGERLAND HARDAN DISTINCT	rtifi	
	Le Responsable Rachandhe et Assistence Technique Développinent Moteurs	P.O.BOX 2852 BELING CHINA 10065	Ξ	
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OPEC Tulux T600 15W-40, Renault RL	D-3 certification		SINOPEC Lubricatin	
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IOPEC Tulux CF-4 15W-40 (RD) diesel			ρû (



SAE 15W-40) Mack EO-K/2 certification



Technical certification of MTU

SINOPEC Tulux CH-4 15W-40 diesel engine oil

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		Engine Oil for Commercial Vehicle
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Tu Sileopea conp. Mr. Yang Huking etis Garupang Road, S P. R. Cheldh P. R. Cheldh P. R. Cheldh P. C. 200080 hater nu. 006821-85371806 Dem 01. August 2005 Papele	seven METU Prioriovahalen Genom Ingen TGZ Reve Rolf Mercs New - 403 754180 2707 Nation Ne 403 754180 2644 Seven - 405 754180 2644 Seven - 405 754180 2644 Seven - 405 754180 2644	Cer
Approval of Great Well Century of Dear Mr. Yang Hulchg. based on the information and test to the angles of	aganmacy muits you provided, as well as our lacoratory analyses,	ertifications
Great Wall Century suprem Cil Cede OS 172051 which you submitted for approval re for you ad MTU anothers and DDC	necy SAE 15W-49 asis the requirements for OF Category 2 and is approved improve series 2000/4000.	ions
The approval is valid until August 2008. For an extension of this approvel, we of the approval period.	e eak that you notly us at likest one month before sepration the angine of will investidate the approval in accordance with	
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SINOPEC

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Engine Oil for Commercial Vehicle

Certifications

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have been presented to TEI for review as requested by DDC. In view of the results, we would like to make the following comments. The results reported on the registration request have been found to be within DDC Power Guard OL specification 93K218 limits and specification, hence oils formulated as stated in your request can be tabeled as conforming to DDC Power Guard OL Specification 93K218. Company Name: Lubricant Company, Sinopec Corp. Product Name: GOLDEN DRAGON SUPER SAE Grade: 16W-40 The oil shall be used per the ambient temperature and grade guidelines in the engine specific Operation and Maintenance (0 & M) manual, as well as in any DDC service documents. Please notify TEI and DDC immediately I, for any reason, the formulation for this oil changes. Changes to the oil formulation, without written approval, may void this letter of conformance. In addition, as pe the DDC specification, this product will be subject to future field sample analysis for compliance. Sincerely, June Gammatic Generation of the specification of the sample analysis for compliance. Sincerely, June Gammatic Company for any meason of the future field sample analysis for compliance. Sincerely, June Gammatic Company for any meason of the future field sample analysis for compliance. Sincerely, June Gammatic Company for any meason of the future field sample analysis for compliance. Sincerely, June Gammatic Company for the manufacturer or marketer has faithfully collected information prevines to the enginements of the specification on whith the fut intention to contern to the specification How the magnet and the specification of the product or marketer in semine satisfactory partomance of the product in all ascere at all times. Replay for the DC Power Quard Ol Societation SURT does not whith the DC future statisticony partomance of the specification of the product of the DC Power Quard Ol Societation SURT does not whith How the future statistic specification SURT does not whith the future statisf			
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Athr. (al. Ling, No. 8) West Road, Anning Zhuang, Haldian District Beijing, 100085 P.R. China Ing also/boedBandlacom Dear Lei Ling, Results from engine and bench tests, in accordance with DDC Power Guard OI Specification 93/6218 Results from engine and bench tests, in accordance with DDC Power Guard OI Specification 93/6218 Specification 93/6218 Results from engine and bench tests, in accordance with DDC Power Guard OI Specification 93/6218 Company Name: Lubricant Company, Sinopec Corp. Product Name: OLDEN DRAGON SUPER: SAG Grade: 10%-0 These netsy TEI and DOC immediately I, for any reason, the formulation for this of langers. Changers to all dialitenance (0.6 M) manual, as well as in any DOC service documents. Floaren etty TEI and DOC immediately I, for any reason, the formulation for this addition, as per the conformation, without written approval, may vold this latter of conformation, in addition, as per the DEC specification, this product will be subject to future field sample analysis for compliance. Sincerely, Marcel Cambred Marcel Cammed Marcel Cambred			Date: 02/12/06
 RE: CONFORMANCE TO DDC POWER GUARD OIL SPECIFICATION SIXEIE Results from engine and bench tests, in accordance with DDC Power Guard OI Specification SIXEIS in the following comments. The results reported on the registration request have been found to be within DDC Power Guard OI Specification SIXEIS Company Name: Lubricant Company, Sinopec Corp. Zhorto Name: GULDEN DRAGON SUPER Zhe Grader: 1994-09 The sale and be used part the ambient temperature and grade guidelines in the engine specific formation, this product will be subject to future field samples conformance. In addition, as per to the of formulation, this product will be subject to future field samples and specification specific formation. Please netty TEI and DDC: immediately E, for any reason, the formulation for this of changes. Changes to the of formulation, this product will be subject to future field sample analysis for compliance. Shorenby, Jung L, Shoh T, Scheffer JB. Cakut Company F. Sohort registration means that manufacture or manifestor has faithfully collected information protection of the product will be subject to future field sample analysis for compliance. Shorenby, Jung L, Shoh T, Scheffer JB. Cakut Company L, Shoh T, Scheffer JB. Cakut 	Ath: Lei Ling No. 6 West Road, A Beljing, 100065 P.R	uning Zhuang, Haldian District 3. China	
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Product Name: GOLDEN DRAGON SUPER SAE Grade: 16W-40 The oil shall be used per the ambient temperature and grade guidelines in the engine specific operation and Maintenance (0.6 Mm manual, as well as in any DDC service documents. Please notify TEI and DDC immediately if, for any reason, the formulation for his oil changes. Changer to the oil formulation, without written approval, may void this letter of conformance. In addition, as per the DDC specification, this product will be subject to future field sample analysis for compliance. Sincerely,	Specification 93K21	18 limits and specification; hence oils formulated as sta	
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DISCLAINER: Product registration means the manufacturer or marketer has faithfully collected information pertinent to the requirements of the specification and with the Lif intention to conform to the specification hosever, it is all the responsibility of the marketchurer or marketer to ensure satisfactory performance of la products in all aspects at all times. Registration for DDC Power Quard OI Specification SXC16 does not waive the lability of the manufacturer or the marketer. DDC does not warrent the performance of non-DDC products registered or not.	Sincereiy, Stein L. J. Steve L. Geartiert	antist	
pertinent to the requirements of the specification and with the full intention to controls to the specification flowever, it is all the responsibility of the manufacturer or maintent to ensure satisfactory partomance of la products in all aspects at all times. Registration for DDC Power Quard OI Specification \$3X216 does not waive the lability of the manufacturer or the manufacter. DDC does not warrant the performance of non-DDC products registered or not. Densit Ower Coversion 13H00 Ower Dev. Ward / Datash, Manipas 48204 A011 / Takytows 313463 A000	oc: M. Belay / S.	Koh / T. Schafer / B. Calcut	
Nur-	pertinent to the requi However, it is still the products in all aspect the liability of the mark	irements of the specification and with the full intention to a responsibility of the manufacturer or marketer to ensure a ta at all times. Registration for DDC Power Guard OI Specifi	conform to the specification atisfactory performance of its cation 93K218 does not weive

Technical certification of Detroit Company

SINOPEC Tulux CJ-4 15W-40 diesel engine oil, DDC93K218



Certification of FAW Group

SINOPEC Tulux CF-4 15W-40 diesel engine oil SINOPEC Justar SJ 10W-30 gasoline engine oil SINOPEC 85W/90 GL-5 heavy duty Automotive gear oil



SINOPEC

Certifications

东风产	(车有限公司	编号: DFC K 05 002-2008
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	汽车生产用	材料认可书
中石	七润滑油分公司(北	京):
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2009 年	度的货源之一。	
	柴油机油	CF-4; CD ; CH-4
	手动变速箱油	МГ-1
	重负荷车辆齿轮油	GL-5
	抗磨液压液	L-HM
	珛	风光车有限公司工艺研究所
	4	2008年12月25日 2008年12月25日
批准	als h	材料技术专用意
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Certification of Dongfeng Motor Corporation

SINOPEC diesel CF-4 engine oil, MF-1 manual transmission oil, GL-5 heavy duty automotive gear oil, L-HM anti-wear hydraulic oil

Certifications

Engine Oli for Commercial Vehicle



Certification of Sinotruck Jinan Technical Center, Hangzhou Power R&D Center

SINOPEC Tulux series CF-4 15W-40 diesel engine oil



Certification of Sinotruck Group SINOPEC CD 15W-40 diesel engine oil SINOPEC 80W/90 GL-5 Automotive gear oil



Certification of Sinotruck Group Jinan Truck Co., Ltd

SINOPEC engine oil, gear oil

or | Wehicle

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Certifications

SINOPEC

- Carlos - Land

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长城 CH-4 柴油机油认可书

中国石化淡淡油公司;

贵公司生产的"长城"牌 CH-4 20W/50 柴油 机油经过我公司 4 个月使用,对试验车辆进行跟踪检 测,润滑油性能良好,符合我公司公交车辆的使用要 求,可作为我公司柴油公交车辆指定用润滑油。



厦门金龙联合汽车工业有限公司

技术认可证书

中国石化润滑油公司:

通过 1.8-2 万公里的行车试验表明,长披牌 CH-4 15W/40 梁油机油、CF-4 15W/40 爱油机油具有良好的抗氧 化性能、漂净性能、润滑性能、抗磨性能良好。满足全龙 客车发动机的性能要求,可以作为我公司生产的客车装填 用油及服务站用油。



Certification of Xiamen King Long United Motor Co., Ltd

SINOPEC Tulux series CH-4 15W-40 diesel engine oil SINOPEC Tulux series CF-4 15W-40 diesel engine oil

Certification of Jinhua Public Transportation

SINOPEC Tulux series CH-4 20W-50 diesel engine oil

Engine Oll for Commercial Vehicle

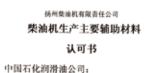
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费公司太产的下进。	#油机油已通过我分型的手尖试剂。
甘作为我公司上产的高。	
135 系列) 动指文用油。	
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108/30	CP-1 4H IA 65.96
5#/30	CP-4 49-19 85,10
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SINOPEC Tulux series CF-4 diesel engine oil and series products SINOPEC SJ/CF 5W-50 fully synthetic engine oil

SINOPEC 15W-40 compressed natural gas engine oil



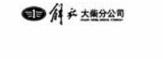
SINOPEC



根据检测和使用,费公司生产的"长 城"牌 15W/40CF-4(威龙)柴油机油符 合我公司 4102、4105 增压发动机型的 技术要求,使用效果良好,可以向用户 推荐。

希望我们双方更好的合作





中國石化润滑油公司。

费单位"长城威龙王"15#740 CP-4 染油机油已经通过了我 公司 DEUTZ BP6M1013PC-28 II 发动机的台架试验。撤满足发动机 的润滑要求。

Certification of FAW (Dalian) Diesel Engine Co., Ltd

SINOPEC Tulux series CF-415W-40 diesel engine oil

有限公司大连续输机分公司

HA-TO H TO H

Certification of Yangzhou Diesel Engine Co., Ltd

SINOPEC Tulux series CF-4 15W-40 diesel engine oil

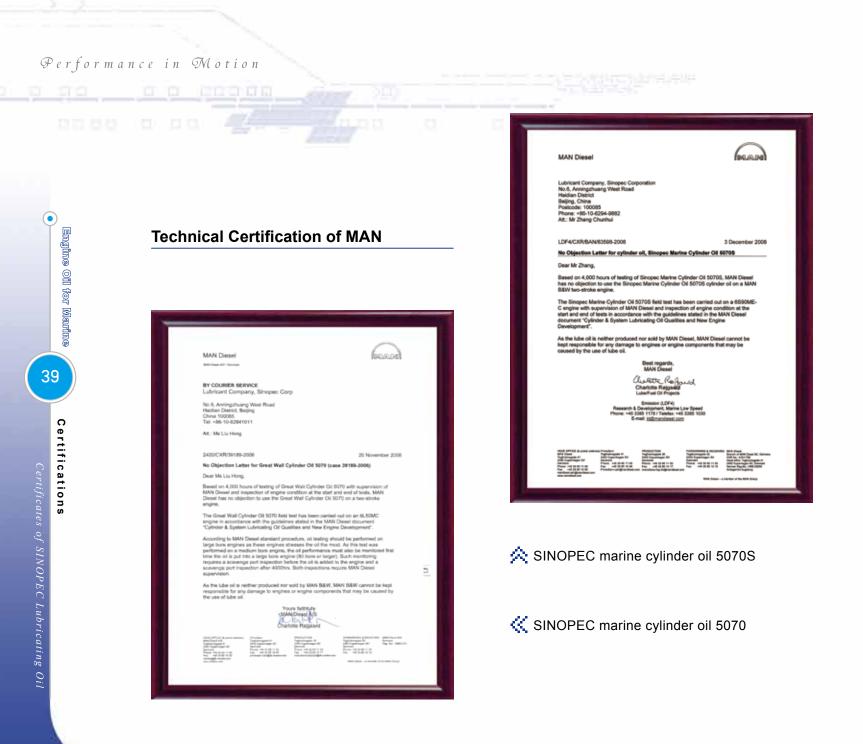
Engine Oil for Commercial Vehicle

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Certifications of Engine Oil for Marine

(39-51)



MARI

24 May 2013

FORWARD Leginsingo 2450 Cezen Destroy



Engine Oil for Marine 40 C

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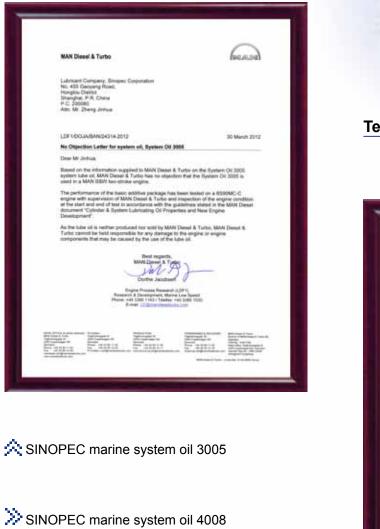
Performance in Motion MARI MAN Diesel & Turbo Lubricant Company, Sinopec Corporation NO. 455 Gaoyang Road Honglou District Shanghai, P.R. China Att.: Mr Zheng Jinhua LDF1/JUSV/ CEN/6387-2013 18 January 2013 Engine Oil for **Technical Certification of MAN** No Objection Letter for system lube oil from Sinopec, System Oil 3006, 6 BN Dear Mr Jinhua MAN Dissel & Turbo (MDT) has periopated in the testing of the basic additive peckage that is part of dystem CI 2000. 6 BW (the "Lube OF) according to our prevailing flat testing procedure (the "Hest Test". The field Test ass carried out on a 650MoC CI AM NBM" argine. This Field Test included 4000 service hours and inspections by MDT at the start, intermediate and of the Field Test. MDT have evaluated the Field Test and found the performance of the Lube OI acceptable Marine Different engine types and different engine operation conditions may require different cylinde lubrication needs. Consequently, the result of this Field Test cannot be held out as a general adament. MDT has No Objection to the usage of the Lube Oil in our MAN 86W two-stroke engine designs provided that the recommendations in our prevailing engine type specific guidelines are followed. (man) MAN Diesel & Turbo As the Lube OII is neither produced nor sold by MDT, MDT cannot be held responsible for any damage to the angine or engine components that may be caused by the use of the Lube OI. Lubricant Company, Sinopec Corporation NO. 455 Gaoyang Road Honglou District 41 Only the full and complete version of this NOL may be reproduced and/or displayed by the Shanghai, P.R. China Att.: Mr Zheng Jinhua Banat reso han C LDF1/JUSV/CEN/6389-2013 18 January 2013 ertification No Objection Letter for system lube oil from Sinopec, System Oil 3008, 8 BN Dear Mr Jinhua MAN Diesel & Turbo (MDT) has participated in the testing of the basic additive package that is part of System CH 2006, 8 BN (the "Lube Off) according to our prevailing field testing procedure (the "Velide Test"). The Field Test was carried of or a 650504CC CMAN BBN engine. The Field Test Test Charlow House and inspections by MDT at the start, intermediate and of the Field Test. 111111 MDT have evaluated the Field Test and found the performance of the Lube OII acceptable. ō Different engine types and different engine operation conditions may require different cylinde lubrication needs. Consequently, the result of this Field Test cannot be held out as a general statement. MDT has No Objection to the usage of the Lube OII in our MAN BSWT two-stroke engine designs provided that the recommendations in our prevailing engine type specific guidel are followed. SINOPEC marine system oil 3006 As the Lube OII is neither produced nor sold by MDT, MDT cannot be held responsible for any damage to the engine or engine components that may be caused by the use of the Lube OII. Only the full and complete version of this NOL may be reproduced and/or displayed by the # & Turbe mun K SINOPEC marine system oil 3008 OilManager & Turker - a sta

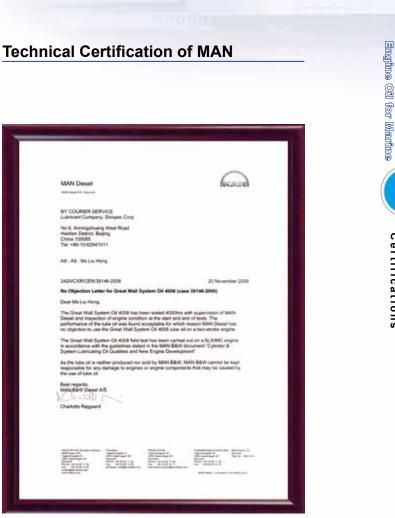
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Certificates of SINOPEC Lubricating Oil







43 Certifications

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	MAN B&W Diesel AG	MAN
	NUD KING Fetralsum Ind. Comp. SIGOPEC MUIC KLONENG QUANE DONG / CHENA	Augsburg, 201.09 Friedelfall, TAS DCLINErAB Int.Tel.: 3540
	KXX SBM release of the RAO MING tube of! MADL 4030 Daking plant, HAV 46745	
	Dear Sirs.	
	As you know a tube oil produced in China has for the fir as non HDA truck gitton angles. Testing was carried out of the HDA truck gitton angles, w. 1 005 000 is ha of the HDA truck gitton and the HDA the HDA Testing of the lube oil was completed on 22.06.91 with o recording. Details are included in the Lubricd import	
	The condition of the components inspected in view of year well as the condition of the used oil meets our requirem	r and cleanliness, as ents.
	Therefore the lube oil	
	Nan-Ha1 MMC, 4030	
	(base oil: according to sample dated December 1988, QMC) packet: 9.7% LZ 6488 A, 7%LZ 6470 SS	
	can be generally released for the use in WW BBK trunk p In case the lube oil concorned is subject to a modificat resp. In the combination and/or concentration of additive oray a polled.	
	This release does not relieve the manufacturer of the lut full responsibility for proving lube oil MMDL 4030.	be oil to take over
	Yours faithfully,	
	NUN DEM Diesel Aktiengesellschaft	
	IN fire i.A. File	
	Ministender Rich Abstramme (h. Kiss Gime (m. Bartender A. Agebung A. Santan Gime (m. Bartender Gime (m. Bartender Gime (m. Bartender	1.545/36/2 (See Anton geneticular) BEO (See Sector 2014) (3.500 А.рокица 1 1.321 - Набила (АРГА) (2014) Полити Макса (АРГА) (2014) 9 А.2.7 (2000) (3.11, на 1746) (201

Technical Certification of MAN

SINOPEC marine trunk piston engine oil 4030

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Certifications

Certificates of SINOPEC Lubricating Oil

Engline Oll for Marine

	Wärtsilä Switzerland Ltd	
WÄRTSILÄ	3M: Yu Glaadhes Lubricaell Company, SINOPEC Corp. No.6, West Road of Anning Zwang,Heiden Disence Reging, P.R. Chris. Plastoode: 100085	
Nur Releven (Den Grinderen Nigelen (Den Uner John	See Subary Date (Sec. 978) and 121 Default Page (Sec. 978) and 121 Page 41 St 2010 Barrier Appendix (Sec. 978) Page 41 St 2010 Barrier Appendix (Sec. 978) Page 41 St 2010 Barrier Appendix (Sec. 978) Page 41 St 2010 Barrier Appendix (Sec. 978) Sec. 978 St 2010 Barrier Appendix (Sec. 978) Sec	
Subject: Letter of approval for	or SINOPEC Cylinder Oil 5070 (SAE50, BN70)	
Dear Madam.		
	ementioned cylinder oli is approved by Wärtsilä I two-stroke engines which were built before 1995.	
	submission of physical and chemical properties and ory result of a 4000 hour field test in an oil tanker	
The application must comply with Wi recommendations. Lubricarits should Bulletin RT-18.4 and manuals. The s	artsilä lubricating oli requirements and 5 be used as recommended in the Wärtsilä Service upplying OE Company is responsible for the he exclusion of any liability of Wärtsilä Switzerland	
Yours faithfully, Wärtsilä Switzerland Ltd		
11112	1	
K. Rass General Manager: Materials and Trit	G. Blaimschein bology Expert Engine Fluids	
Nitrole Subsected (# 1975 Sectors Parties Nitrole Subsect) (Sector National	New of COLUMN Res of COLUMN	

Certification of WARTSILA

SINOPEC marine cyliner oil 5070

Engine Oil for Marine

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WARTSI	LĂ	Watsis Finant Or	Industry	i Operations

depends on the capacity of the lattriceting oil scoler and in the installation.

for the angles types Witcold" Van 32, Witcold" 26, Witcold" 26, Witcold" 32, Witcold" 38, Warnald" 46, Warnald" 467 and Warnala" 64 the saw of BN 55-55 hobelenets in herey fort installations is recommanded in the first place, especially if first solphur context is above 2,0 % mass. BN 40 indexame can be used as well as if experience shows that the intercenting oil BN equilibrium remains at an acceptable level. RN 30 lubricants are recommended to be used only in special cases. Concerning the engine type Sular: 240 / 2A40 / 2A405 the one of BN 30-55 lubricating sils is recomptended only in the origines being equipped with pieton skirt hebrication and having the antipolishing rings burafied.

In the first place on challent that operation BN 19-20 labeleating oils are recommended to be used, but the use of BN 30 labelicating oils in also allowed.

These lubricating sits will be included in Wirnshi's Lot of hiercating oils being perced Wirtshi's **Advication** of tenting referin.

Sinceps: Corp. undertaken all responsibility for the preformance of the heterizeting olds in service of the above incriticized engine types to the avalance of any liability of any Warsels company belonging to Witrolik group. Skupper Corp. sloog with other possible manufacturers and distributors of the predacts in question shall indexedy, compresses and hold harmless Wistells and companies belonging to Warnis group from and against any statest, damages and losses second by the lubricating sile in calefore.

Sooper Corp. anderskin to inferr the sodersigned / responsible representatives of Warnit of any schurgsont changes in the formulation of the batricating sill brands in quantum.

Yours faith Life.

Kai Jurperi

Warnill Fisland Or Industrial Operations | R&D Kon progen

Manager, Engine Phalas

Stellas Saur

General Manager, T & F Experim

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WARTS	LA .	Wanala Finand Dy	Industri	el Operatione
Francisco Ing. K. Jacobsovi	NoL Singer TPEO dos	tom 12 September 2013	-	12

Alt: Mr. Building York

NO OBJECTION LETTER: SINOPEC TPEO SERIES LUBRICATING OILS

Dear Madam

The Simopes lichelanting oil TPEO 4050, has gone through a 3978 -inner validation text on the Wartulle⁴ IE-46 PAAE040544 angles on board the vessel M/V Africaberg, Based on the results of the engine impection and lubricating oil analyses, Witevalli has no objection to the use of the fullowing Simple products:

Podel	SAE gtair	Base Number	Feel caregory, 150 8217-2010(K)
TPEO 3030	30	30	HO-F-DNX, DMA, DMZ, DMB, HO-F-RMA 19 - RMK 700, CRO 71
TPEO 4838	40	50	HO-F-DMX, DMA, DMF, DMB, BO-F-RMA 19 - RME 200, CRD 7
TPEO 3048	50	40	180-F-RMA 18 - RMK 780, CRO "
TPEO 4040	40.	40	HO-F-RMA 10 - RMK 200, CRO "
TPEO MIN	30	50	HOFF-RMA 10 - RMK NO. CHO
17910-4090	40	50	HO-F-RMA 10 - RMK 700, CRD

"CRO stands for much call for which fast pushing an internal fast ignorfiliation in released

The statument is valid for the angine types Wittella* Vana 22 / 22/26, Wittella* Vana 32 / 321.N. Warsala" 20, Warsala" 20, Warsala" 12, Warsala" 36, Warsala" 46, Warsala" 46, Warsala" 56, Warsala" 2007, Warsala Warsala Warsala 2007, Warsal provided that that guality also fulfits the fuel specifications of Wartalia and that the angine type specific fabrication requirements are taken into account.

Instructions for other edder regime types manufactured by Wittelli can be regarated from Wittelli Services units being in memory of a particular angine type in question.

Use of SAE 30 lubricating eils is allowed only in its angine types Withild* Van 22./ 22/24 and Warulla⁶ Van 32 / 32130. In these angine types the subability of \$A57.40 grade lubeicating oils

Certification of WARTSILA

SINOPEC marine trunk piston engine oil (3030, 4030, 3040, 4040, 3050, 4050)

46

Certifications

Certificates of SINOPEC Lubricating Oil

Engline Oll for Marine

CATERPILLAR"	Catery KG	allar Motoren GmbH & Co.	1.12	
Copies to:				
Sharghai RAD Genter, Lubricant Company Mis. Hurging Yang 455 Gasyang Road Hongkou Diutrist, Branghai China P.C. 200080	y, Sinopec Carp.			
Your Reference Our Reference Pits Meeting Oct2012	Telephone Direct dialing +40 (0) 431	24157 Kiel 21.1.13 3995-3793		
	Fax 3995-579 E-mail Rautenst	13 or 3995- rauch_mate的CAT.com		
Dear Mrs. Huiging Yang				
This is to confirm that the lubricaling of SI CAT Mak engines working on dealiliate fu- use in CAT Mak engines working on HFO	el and SINOPEC TPEO 403	EO 4020 are free for use in 3 and TPEO 4040 are free for	<i>8</i>	
Best regards,				
Contropillar Motoren Grabit & Ce. KG M. Maturt i	a Uhl	¢		
Factorearies Bade 2, 34150 Kel Telef P. O. Bus, 24157 Kal 2183	l Registers Research Register 1 4521	Notae Malanes Venandrugs Gestri A Bart Nai A Companies Land Court of Kiel Hillio Million & Barth Elizabeth A Males, Chairmen		

Certification of MAK

SINOPEC marine trunk piston engine oil 4012, 4020



Engline Oil for Marine

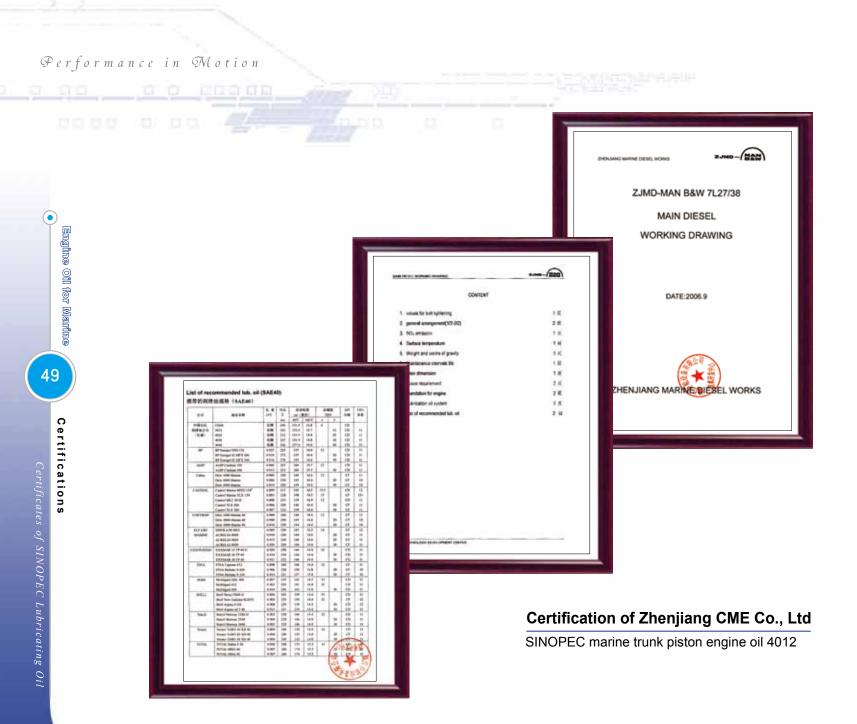
48 Certifications

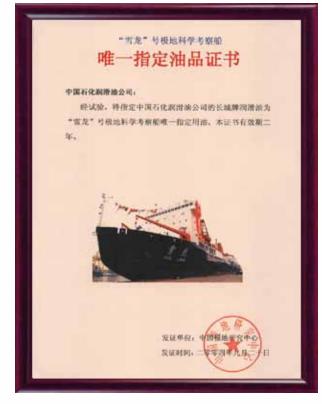
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AGIP	Cladium 120-SAE40
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BP	Energol DS 3-154
	Vanelus C3 ⁽²⁾
CASTROL	Castrol MLC 40
	Castrol MHP 154
	Castrol MKD 154 Rivermax SX 40
	Seamax Extra 40
CHEVRON Texaco	Taro 16 XD 40
(FAMM, Caller)	Delo 1000 Marine SAE 40
DELEK	Deimar 40-12
ENGEN	Genmarine EO 4015
ERIDE	Koral 15
ESSO/EXXON	Exmar 12TP 40
RVNG	Marine MTX 1240
MOBIL	Mobigard 412/5HC 120
woon.	(MG 15HC)
	Mobilgard ADL 40/Delvac 1340 ²
PETROBRAS	Marbrax CCD-410
REPSOL	Neptuno NT 1540
SHELL	Gadinia 40
	Gadinia AL 40
	Sirius 40 ²¹
	Rimula X 40 ⁻²
STATOIL	MarWay 1040 ^{II}
TEBOIL	Wast 0 10 T
TOTAL LUBMARINE	Citola MUDH8
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古地形将是北的局限を通信50-F-DMC5 古地画的介绍是<1%。 約 3. MAN 会-(内)中在SL-000月82年18月	133 19



Certification of Hangzhou Zhonggao Engine Co., Ltd

SINOPEC marine trunk piston engine oil 4012





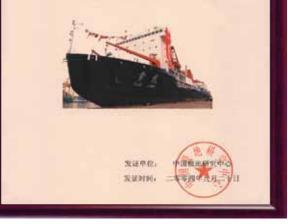
Certification of Polar Research Institute of China

SINOPEC cylinder oil 5070, anti-wear hydraulic oil, fully synthetic industrial gear oil and various oil products for marine become the sole oil designated to be used by "Snow Dragon" polar region scientific research ship

"雪龙"号极地科学考察部 油品认可证书

中国石化润滑油公司;

经试验,供公司的关辅酶间指指; C5070 船用气缸油、合成 抗磨液压油 46、合成红的液压油 68、合成红即使压油 100 和 L+CKT220 全合成工业指轮油完全符合"需完号"极地科学考察 船的使用要求,特指定以上中谋石化润滑油公司的长城碑润滑油 力"需完"号板地将学考察副唯一指定用油,本证书有效加二年。



Engine Oil for Marine

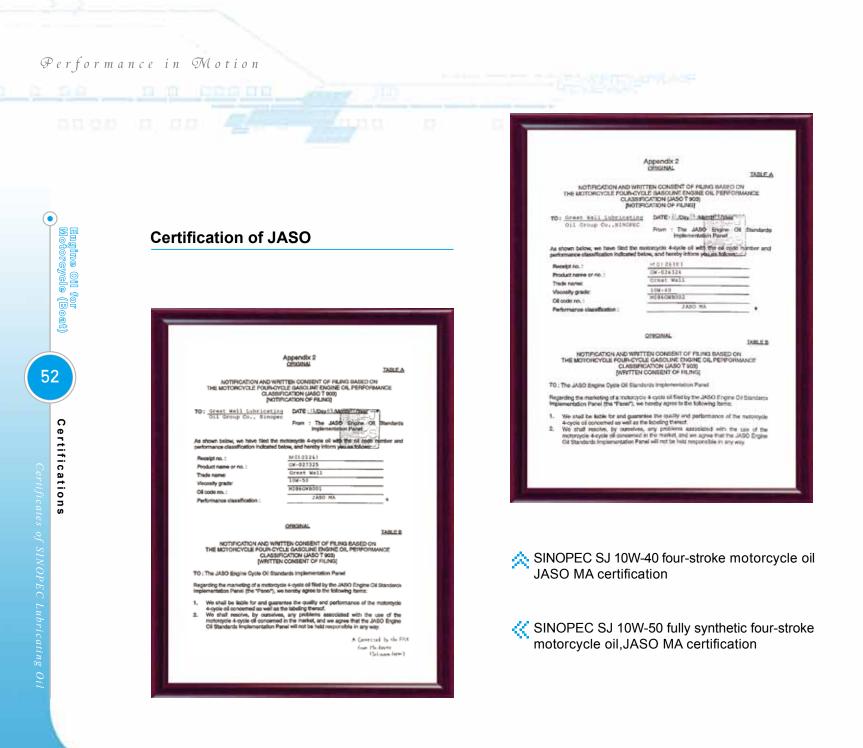




Certification of Engine Oil for Motorcycles (Boats)

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SINOPEC SF 10W-30 four-stroke motorcycle oil, JASO MA certification

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	Appendix 2 Utables.	1982.4
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Certification of JASO

Engine Oil for Motorcycle (Boat)

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Certifications

SINOPEC SF 10W-40

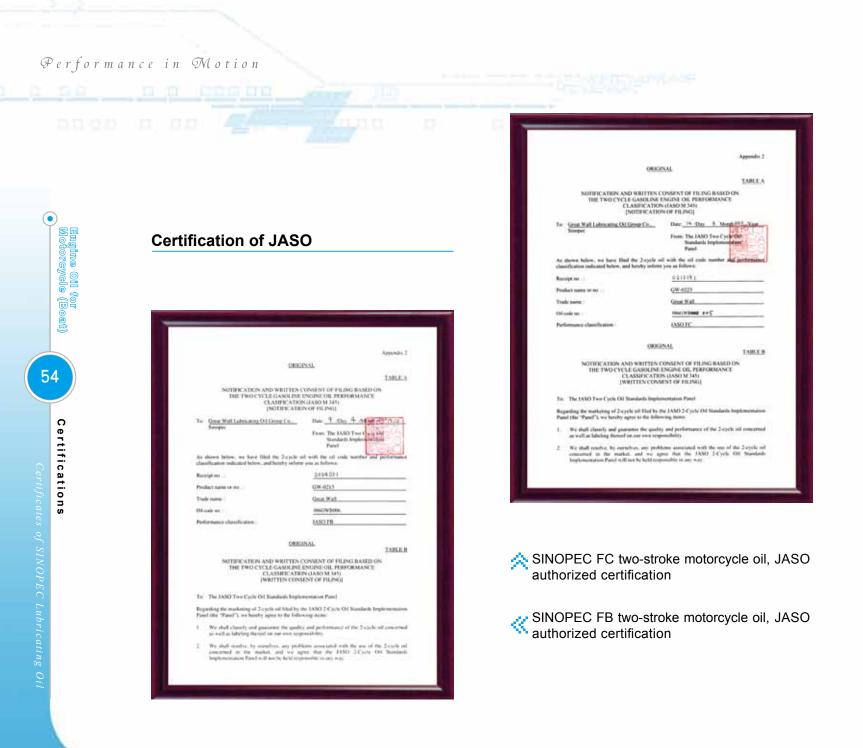
JASO MA certification

four-stroke motorcycle oil,

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SINOPEC SF 15W-40 four-stroke motorcycle oil, JASO MA certification



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国家体育总局水上运动管理中心

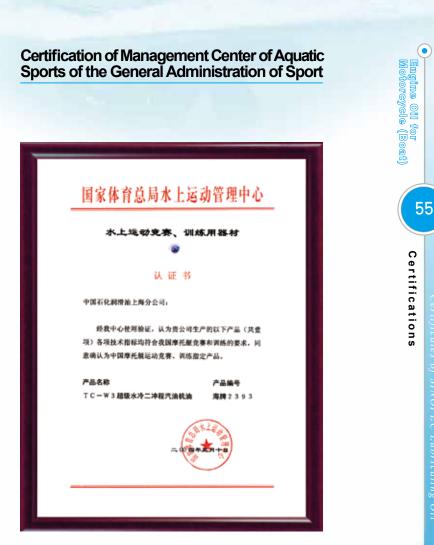
长城润滑油集团有限公司:

经实验、检测, "长城牌"TC-W2、TC-W3舷外发动 机油可以用作摩托艇比赛用油。现特指定为2000年、2001年 中国摩托艇运动比赛用油,并可在2001年12月31日前生产的 商品包装上表明"中国摩托艇运动协会指定用油"。

九日

SINOPEC TC-W2, TC-W3 outboard engine oil

SINOPEC TC-W3 outboard engine oil



00.00 00.00

产品认可证书

中国石油化工有限公司润滑油分公司。

费公司生产的"长城牌"46 号摩托车前减震器油和22 号摩托车后减震器油,经我公司摩托车减震器100万次耐久 试验后,具有优异的温度衰减性能,稳定的复原阻力,良好 的抗磨损性能,完全清足我公司摩托车减震器的使用要求, 该产品可以作为我公司生产的摩托车减震的装填用油

> 钱江摩托车股份有單公司编模器 2009年8月

产品认可证书

中国石油化工有限公司润滑油分公司:

费公司生产的"长城牌"15W-40SF四冲程摩托车发动机 油, 经我公司发动机 200 小时耐久性试验后,具有良好的抗 磨性能,完全满足我公司生产的四冲程摩托发动机和四冲程 摩托车的使用要求,可以作为我公司生产的四冲程摩托发动 机和四冲程摩托车的装填使用和配套产品。



📯 Certification of Qianjiang Motor Co., Ltd

SINOPEC 46[#] motorcycle front shock absorber oil SINOPEC 22[#] motorcycle rear shock absorber oil

Certification of Zhejiang Jinglong Power Technology Co., Ltd

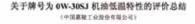
SINOPEC SF15W-40 four-stroke motorcycle engine oil

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Engine Oil for Motorcycle (Boat)



中課石化創港級公司研发(北京)中心于2009年6月3日为鑫 除公司雪橇本特配的GP-305J低组机油。在我们提示的低温粘度检验 彩低銀启动试验中都有十分良好的表现。详细情况如下; 1. 低磁粘度检验

0F-305J 机油在-30℃和-40℃的粘度测试中,其粘度明量低于 0F-40 机油(我可先曾使用的低温机油)。检验报告见附件一。 2. 低温(-41℃) 自动试验

2.1 单缸 600cc 汽油发动机 (发动机具体参数,见附件二) 使 间 0年-00 机油时,在-41℃时静振延为 25% m,低温自动失效;使用 0年-3051 机油的发动机静在短为 19% m,低温自动成功。

 2.2 該款 12000C 使油机(发动机具体参数,更對件三)使用 0#-305J 机油时,在-41℃自动成功。

服務以上數据及试验情況,費中心为應股公司特配的(#-305J 机油油是基础常编车低巡位用要求,并发部门将推荐其为雪编车低巡 标准配套专用机油。

非常感谢贵中心提供的帮助:



🔆 SINOPEC 0W-30 SJ low temperature engine oil

SINOPEC 0W-30 SJ Snowmobile oil

Certification of China Jialing Industrial Co., Ltd

产品认可证书

中国石油化工有限公司润滑油分公司。

费公司研制的"长城牌"0W-30SJ 雪地摩托车油, 经我 公司发动机低温启动试验, 能满足我公司单缸 600cc 发动机 和 1.2L 柴油机的低温使用要求, 开发部门将推荐其为雪橇 车低温标准配套专用机油。



Engine Oil for Motorcycle (Boat)

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