



Boîtes et ponts pour chariots élévateurs

Liste de lubrifiants TE-ML 17

Table des matières

Page

1. Classes de lubrifiants autorisées	1
2. Limites d'utilisation aux températures basses	2
3. Explication de notes de bas de page et remarques	2
4. Classes de lubrifiants et produits commerciaux autorisés	3







1. Classes de lubrifiants autorisées

Groupes de produits	Lubrifiants autorisés pour vidange d'huile ⁽¹⁾
Réducteur à pignons coniques GRP8, HFK 100-600, GK20LD, GK25LD, GK40	17A / 17B / 17H
- Paliers de couronne d'orientation GRP8, HFK 100-600, GK20LD, GK25LD, GK40	Graisse lubrifiante Shell Alvania RL3 ⁽²⁾
Réducteur à pignons coniques GK10, GK16, GK20, GK25, GK26LD, GK30	17B / 17H
Boîte à trains planétaires GR10	graisse de transmission Esso Unirex N2
Réducteurs à pignons cylindriques HFD 80	graisse liquide de transmission Klüber Mikrolube GB 00 graisse de transmission Klübersynth GE46-1200 ⁽⁴⁾
Direction électrique EPS3 - Transmission - Moyeu de roue	graisse liquide de transmission Total MULTIS EP 00 Graisse lubrifiante Shell Alvania RL3 ⁽²⁾
Boîte à trains planétaires HFS 502, HFS 507, GP18, GP20	17C
Boîte à trains planétaires GP21, GP23, GP25	17C
Boîte à trains planétaires GP25 sans frein	17A / 17H
Boîte à trains planétaires HFP 10, HFP 10A	Graisse lubrifiante Shell Alvania RL3 ⁽²⁾
Boîte à trains planétaires HFP 20, HFP 40, HFP 50, GR50	17A / 17B / 17H
Ponts PR61S, PR20MO, PR40MO, P16MO	17B / 17H
WG 80, WG 81, WG 85, WG 86	voir TE-ML 03 ⁽³⁾
- Ponts rapportés	17B / 17H
Ponts AT30	17E / 17G
Ponts AT35	17E ⁽⁵⁾ / 17F / 17G ⁽⁵⁾
Ponts GPA35	Transmission: 17H; Frein à disques: 17C

La liste de lubrifiants TE-ML 17, édition 01.01.2021 remplace toutes les éditions précédentes. La liste mise à jour peut être demandée auprès de tous les points S.A.V. ZF ou consultée sur notre site Internet www.aftermarket.zf.com/lubricants.

ZF Friedrichshafen AG
D-88038 Friedrichshafen
www.zf.com/contact

2. Limites d'utilisation aux températures basses

Classes de lubrifiants	Qualité d'huile / Classes de viscosité	Mise en service du véhicule lorsque la température dans le carter d'huile est
17C	- ATF	- 40°C 
17A, 17B	- SAE 75W-80, 75W-85, 75W-90	- 40°C 
17E, 17F, 17G	- SAE 10W-30, 10W-40, divers	- 35°C 
17A, 17B, 17E, 17H	- SAE 80, 80W-85, 80W-90, 20W-40	- 26°C 
17A, 17B, 17H	- SAE 85W-90	- 12°C 
17A, 17B, 17H	- SAE 90	- 5°C 

3. Explication de notes de bas de page et remarques

Notes de bas de page

- (1) **Voir pages suivantes pour produits du commerce homologues.**
- (2) Aux points de lubrification à la graisse, il faut utiliser une graisse polyvalente saponifiée à base de lithium miscible à l'huile minérale, classe NLGI 3 (identification de graisse KP2K-30 selon DIN 51825 ou ISO-L-XCCHB2 selon ISO 6743-9).
- (3) La liste actuelle des lubrifiants TE-ML 03 peut être demandée auprès de tous les points S.A.V. ZF ou consultée sur notre site Internet www.zf.com/lubricants.
- (4) Seulement utiliser en entrepôt frigorifique.
- (5) Les lubrifiants des classes 17E et 17G ne doivent être utilisés qu'en cas de vidanges de service et que pour des essieux rodés à partir d'un kilométrage total du véhicule correspondant à 1 500 heures de service. Pendant le rodage de l'essieu (kilométrage total du véhicule compris entre 0 et 1 500 km) il faudra utiliser une huile de la classe 17F.

Remarques

Aux points de lubrification à la graisse, il faut utiliser une graisse polyvalente saponifiée à base de lithium miscible à l'huile minérale, classe NLGI 2 (identification de graisse KP2K-30 selon DIN 51825 ou ISO-L-XCCHB2 selon ISO 6743-9).

Les additifs, quelle que soit leur qualité, qui sont ajoutés à l'huile **ultérieurement** la modifient de façon impossible à estimer et, pour cette raison, ne sont donc pas permis. ZF ne prendra aucune responsabilité de dommages qui résulteraient de l'utilisation de ce genre d'additifs.

4. Classes de lubrifiants et produits commerciaux autorisés

Classe des lubrifiants 17A

Fabricant (17A)

ADDINOL LUBE OIL GMBH, LEUNA/DE
 ADDINOL LUBE OIL GMBH, LEUNA/DE
 ARAL AG, BOCHUM/DE
 ARAL AG, BOCHUM/DE
 AVISTA OIL DEUTSCHLAND GMBH, UETZE/DE
 AVISTA OIL DEUTSCHLAND GMBH, UETZE/DE
 AVISTA OIL DEUTSCHLAND GMBH, UETZE/DE
 AVISTA OIL DEUTSCHLAND GMBH, UETZE/DE
 BAHRAIN PETROLEUM COMPANY, AWALI/BH
 BAYWA AG MÜNCHEN, MÜNCHEN/DE
 BELGIN MADENI YAGLAR TIC. VE SAN. A.S., KOCAELI/TR
 BP PLC., LONDON/GB
 BP PLC., LONDON/GB
 BUCHER AG LANGENTHAL, LANGENTHAL/CH
 CASTROL LTD, LONDON/GB
 CASTROL LTD, LONDON/GB
 CASTROL LTD, LONDON/GB
 CASTROL LTD, LONDON/GB
 CASTROL LTD, LONDON/GB
 CASTROL LTD, LONDON/GB
 CASTROL LTD, LONDON/GB
 CEPSA COMERCIAL PETRÓLEO S.A.U., MADRID/ES
 CEPSA COMERCIAL PETRÓLEO S.A.U., MADRID/ES
 CHEVRON LUBRICANTS, SAN RAMON, CA/US
 CHEVRON LUBRICANTS, SAN RAMON, CA/US
 CHEVRON LUBRICANTS, SAN RAMON, CA/US
 CHEVRON LUBRICANTS, SAN RAMON, CA/US
 DE OLIEBRON BV, ZWIJNDRECHT/NL
 EXXONMOBIL CORPORATION, HOUSTON, TX/US
 FUCHS PETROLUB SE, MANNHEIM/DE
 FUCHS PETROLUB SE, MANNHEIM/DE
 FUCHS PETROLUB SE, MANNHEIM/DE
 GAZPROMNEFT-LUBRICANTS, MOSCOW/RU
 GAZPROMNEFT-LUBRICANTS, MOSCOW/RU
 GAZPROMNEFT-LUBRICANTS, MOSCOW/RU
 GAZPROMNEFT-LUBRICANTS, MOSCOW/RU
 GS CALTEX CORPORATION, SEOUL/KR
 GULF OIL INTERNATIONAL, MUMBAI/IN
 GULF OIL INTERNATIONAL, MUMBAI/IN
 GULF OIL INTERNATIONAL, MUMBAI/IN
 GULF OIL INTERNATIONAL, MUMBAI/IN
 GULF OIL INTERNATIONAL, MUMBAI/IN
 GULF OIL INTERNATIONAL, MUMBAI/IN
 GULF OIL INTERNATIONAL, MUMBAI/IN
 GULF OIL INTERNATIONAL, MUMBAI/IN
 GULF OIL INTERNATIONAL, MUMBAI/IN
 GULF OIL INTERNATIONAL, MUMBAI/IN
 GULF OIL INTERNATIONAL, MUMBAI/IN
 HILL CORPORATION, SHYMKENT/KZ
 HINDUSTAN PETROLEUM CORPORATION LTD., MUMBAI/IN
 HINDUSTAN PETROLEUM CORPORATION LTD., MUMBAI/IN
 ICONIC LUBRICANTES SA, RIO DE JANEIRO/BR
 INA MAZIVA LTD., ZAGREB/HR
 INA MAZIVA LTD., ZAGREB/HR
 INDIAN OIL CORPORATION LTD, MUMBAI/IN
 INDIAN OIL CORPORATION LTD, MUMBAI/IN
 INDIAN OIL CORPORATION LTD, MUMBAI/IN
 KUWAIT PETROLEUM INTERNATIONAL LUBRICANT, ANTWERP/NL
 KUWAIT PETROLEUM INTERNATIONAL LUBRICANT, ANTWERP/NL
 LIQUI MOLY GMBH, ULM/DE
 LIQUI MOLY GMBH, ULM/DE
 MEGUIN GMBH & CO. KG, SAARLOUIS/DE
 MEGUIN GMBH & CO. KG, SAARLOUIS/DE
 MOL-LUB KFT, ALMASFUZITO/HU
 MOTUL SA, AUBERVILLIERS/FR
 OILFINO MINERALÖL GMBH, PRISDORF/DE
 OOO "LLK-INTERNATIONAL", MOSCOW/RU
 OOO "LLK-INTERNATIONAL", MOSCOW/RU
 OPET FUCHS MADENI YAG. SAN. VE TIC. A.S., IZMIR/TR
 ORLEN OIL SP. Z O.O., KRAKOW/PL
 ORLEN OIL SP. Z O.O., KRAKOW/PL
 PETROBRAS DISTRIBUIDORA S.A., DUQUE DE CAXIAS/BR
 PETROBRAS DISTRIBUIDORA S.A., DUQUE DE CAXIAS/BR
 PETROCHINA LUBRICANT COMPANY, BEIJING/CN
 PETROCHINA LUBRICANT COMPANY, BEIJING/CN
 PETROGAL S.A., LISBOA/PT
 PETROGAL S.A., LISBOA/PT
 PETROL OFISI A.S., ISTANBUL/TR
 PETRONAS LUBRICANTS INTERNATIONAL SDN BH, KUALA LUMPUR/MY
 PETRONAS LUBRICANTS INTERNATIONAL SDN BH, KUALA LUMPUR/MY
 PT. PERTAMINA, JAKARTA/ID
 RAVENSBERGER SCHMIERSTOFFVERTRIEB GMBH, WERTHER/DE
 REPSOL LUBRICANTES Y ESPECIALIDADES, S.A, MADRID/ES

Désignation produit (17A)

ADDINOL GETRIEBEÖL GS 80W
 ADDINOL GETRIEBEÖL GS 80W-90
 ARAL GETRIEBEÖL EP 80W
 ARAL GETRIEBEÖL EP 80W-90
 PENNASOL MULTIPURPOSE GEAR OIL GL 4 SAE 80W
 PENNASOL MULTIPURPOSE GEAR OIL GL 4 SAE 90
 AVISTA PEER EVO GL4 SAE 80W-90
 AVISTA PEER EVO GL4 SAE 85W-90
 SPAREX HP 90 GL-4
 TECTROL UNIGEAR 80
 BELGEAR EP MB 80
 BP ENERGEAR EP 80W
 BP ENERGEAR EP 80W-90
 GEAR OIL EP 80W
 CASTROL MANUAL EP 80W
 CASTROL MANUAL EP 80W-90
 CASTROL TRANSMAX MANUAL EP 80W-90
 CASTROL TRANSMAX MANUAL EP 80W-90
 CASTROL TRANSMAX MANUAL EP 80W-90
 CASTROL MANUAL EP 80W
 CASTROL TRANSMAX MANUAL EP 80W
 CEPSA TRANSMISIONES 80W-90
 ERTOIL TRANSMISIONES F SAE 80W
 TRANSLUBE LD SAE 80W
 TRANSLUBE LD SAE 90
 GEARTEX EP-4 80W
 GEARTEX EP-4 80W-90
 TOR MULTIPURPOSE GEAR OIL SAE 80W90
 MOBILUBE GX-A 80W
 FUCHS TITAN GEAR MP SAE 80
 GEARWAY G4 80W
 FUCHS TITAN TITAN GEAR ZF SAE 80
 G-BOX EXPERT GL-4 80W-85
 G-TRUCK GL-4 80W-90
 GAZPROMNEFT GL-4 80W-85
 GAZPROMNEFT GL-4 80W-90
 KIXX GEARTEC X GL-4 80W
 GULF GEAR XP 80W
 GULF GEAR XP 80W
 GULF GEAR XP 80W
 GULF GEAR XP MAX 90
 GULF GEAR XP DURA MAX 80W-90
 GULF GEAR MZ 80W
 GULF GEAR MZ 90
 GULF GEAR MZ 85W-90
 GULF GEAR XP 80W-90
 GULF GEAR MZ 80W-90
 GULF GEAR XP 80W
 GULF GEAR ZX 80W
 FASTROIL MTF4 80W-90
 HP GEAR OIL ZFL 80W 90
 HP GEAR OIL ZFL 80W
 IPIRANGA ULTRAGEAR MB 80W
 INA TRANSMOL HD 80W-90
 INA TRANSMOL DB 80W
 SERVO GEAR ALT 90
 SERVO GEAR HP 80W-90 (T)
 SERVO UNIDRIVE 80W-90
 Q8 T 35 SAE 80W
 Q8 T 35 SAE 80W-90
 LIQUI MOLY GETRIEBEÖL GL4 SAE 80W
 LIQUI MOLY GETRIEBEÖL GL4 SAE 85W-90
 MEGOL MEHRZWECKGETRIEBEOEL GL 4 SAE 80W
 MEGOL MEHRZWECKGETRIEBEOEL GL 4 SAE 85W-90
 MOL HYKOMOL 80W
 MOTUL GEAR MB 80W
 OILFINO VARIUS G 300 SAE 80W-90
 LUKOIL TRANSMISSION MP 85W-90
 LUKOIL TRANSMISSION GL-4 HD 80W-90
 OPET FULLGEAR EP MT 80W
 PLATINUM GEAR GL-4 80W
 PLATINUM GEAR GL-4 80W-90
 LUBRAX TRM 4 SAE 80W
 LUBRAX TRM 4 SAE 90
 KUNLUN ZFGO 02B 80W-90
 KUNLUN ZFGO 02B 85W-90
 GALP TRANSOIL 80W
 GALP TRANSOIL 80W90
 MAXIGEAR TECH EP 80W
 TUTELA TRANSMISSION STARGEAR HD (SAE 80W)
 PETRONAS TUTELA MTF 300 HD 80W
 RORED EPA 80W
 RAVENOL GETRIEBEÖL MZG SAE 80W-90 GL-4
 REPSOL CARTAGO EPM 80W

Numéro de validation

ZF

ZF000630
 ZF000701
 ZF000458
 ZF001715
 ZF000678
 ZF000679
 ZF004779
 ZF004792
 ZF001694
 ZF001162
 ZF000665
 ZF000198
 ZF001216
 ZF000600
 ZF000293
 ZF001096
 ZF002133
 ZF002135
 ZF002136
 ZF004861
 ZF004862
 ZF000023
 ZF000087
 ZF000800
 ZF000801
 ZF002276
 ZF002277
 ZF000622
 ZF000077
 ZF000654
 ZF001048
 ZF002313
 ZF000327
 ZF000525
 ZF000948
 ZF000949
 ZF003597
 ZF000256
 ZF000258
 ZF000428
 ZF000471
 ZF000684
 ZF000873
 ZF000874
 ZF000875
 ZF000893
 ZF001034
 ZF001150
 ZF001849
 ZF003436
 ZF001526
 ZF001527
 ZF001765
 ZF000425
 ZF000426
 ZF001447
 ZF001448
 ZF001449
 ZF000166
 ZF002108
 ZF000694
 ZF002054
 ZF000068
 ZF001999
 ZF001116
 ZF000395
 ZF000739
 ZF003413
 ZF003599
 ZF000636
 ZF000360
 ZF000500
 ZF001476
 ZF001477
 ZF004902
 ZF004904
 ZF000767
 ZF000768
 ZF001666
 ZF001028
 ZF003683
 ZF001399
 ZF001109
 ZF000631

Fabricant (17A)

REPSOL LUBRICANTES Y ESPECIALIDADES, S.A, MADRID/ES
 RN-LUBRICANTS, LLC, MOSCOW/RU
 RN-LUBRICANTS, LLC, MOSCOW/RU
 SHELL INTERNATIONAL PETROLEUM COMP. LTD, LONDON/GB
 SHELL INTERNATIONAL PETROLEUM COMP. LTD, LONDON/GB
 SHELL INTERNATIONAL PETROLEUM COMP. LTD, LONDON/GB
 SHELL INTERNATIONAL PETROLEUM COMP. LTD, LONDON/GB
 SINOPEC LUBRICANT CO., LTD., BEIJING/CN
 SINOPEC LUBRICANT CO., LTD., BEIJING/CN
 SINOPEC LUBRICANT CO., LTD., BEIJING/CN
 SK LUBRICANTS, SEOUL/KR
 SK LUBRICANTS, SEOUL/KR
 SRS SCHMIERSTOFF VERTRIEB GMBH, SALZBERGEN/DE
 SRS SCHMIERSTOFF VERTRIEB GMBH, SALZBERGEN/DE
 SRS SCHMIERSTOFF VERTRIEB GMBH, SALZBERGEN/DE
 SRS SCHMIERSTOFF VERTRIEB GMBH, SALZBERGEN/DE
 SRS SCHMIERSTOFF VERTRIEB GMBH, SALZBERGEN/DE
 SRS SCHMIERSTOFF VERTRIEB GMBH, SALZBERGEN/DE
 SRS SCHMIERSTOFF VERTRIEB GMBH, SALZBERGEN/DE
 TOTAL LUBRIFIANTS S.A., NANTERRE/FR
 TOTAL LUBRIFIANTS S.A., NANTERRE/FR
 UNIL OPAL, SAUMUR/FR
 UNIL OPAL, SAUMUR/FR
 VALVOLINE CUMMINS PVT LIMITED, GURGAON/IN
 YPF S.A., BUENOS AIRES/AR

Désignation produit (17A)

REPSOL CARTAGO EPM 90
 ROSNEFT KINETIC MT 80W-90
 ROSNEFT MT GL-4 80W-90
 SHELL SPIRAX MA 80 W
 SHELL SPIRAX MA 80 W
 SHELL SPIRAX S3 G 80W
 SHELL SPIRAX S3 G 80W-90
 SINOPEC GREATWALL MTF C-I 80W
 SINOPEC GREATWALL MTF C-I 80W-90
 SINOPEC GREATWALL MTF C-I 85W-90
 SK GEAR EP 80W-90 ZF
 TATADW G EP 80W-90
 SRS WIOLIN MEHRZWECK-GETRIEBEÖL 80W-90
 SRS WIOLIN MEHRZWECK-GETRIEBEÖL 90
 SRS WIOLIN MEHRZWECK-GETRIEBEÖL 80
 SRS WIOLIN ML 4 PLUS SAE 80W
 SRS WIOLIN ML 4 PLUS SAE 80W-90
 SRS WIOLIN ML 4 PLUS SAE 90
 ELF TRANSELF EP 80W
 ELF TRANSELF EP 80W-90
 GEAR EP 80W
 GEAR EP 80W90
 VALVOLINE GEAR GARD PLUS 80W90
 HELICOIDAL M (80W)

Numéro de validation

ZF
 ZF000633
 ZF003448
 ZF005954
 ZF000325
 ZF000326
 ZF004866
 ZF004869
 ZF001727
 ZF001933
 ZF001936
 ZF000715
 ZF002132
 ZF000440
 ZF000445
 ZF000446
 ZF001914
 ZF001915
 ZF001916
 ZF002067
 ZF002068
 ZF000377
 ZF001051
 ZF000985
 ZF000657

Fabricant (17B)

FUCHS PETROLUB SE, MANNHEIM/DE
 FUCHS PETROLUB SE, MANNHEIM/DE
 FUCHS PETROLUB SE, MANNHEIM/DE
 FUCHS PETROLUB SE, MANNHEIM/DE
 FUCHS PETROLUB SE, MANNHEIM/DE
 GAZPROMNEFT-LUBRICANTS, MOSCOW/RU
 GAZPROMNEFT-LUBRICANTS, MOSCOW/RU
 GAZPROMNEFT-LUBRICANTS, MOSCOW/RU
 GAZPROMNEFT-LUBRICANTS, MOSCOW/RU
 GAZPROMNEFT-LUBRICANTS, MOSCOW/RU
 GAZPROMNEFT-LUBRICANTS, MOSCOW/RU
 GAZPROMNEFT-LUBRICANTS, MOSCOW/RU
 GEORG OEST MINERALÖLWERK GMBH & CO.KG, FREUDENSTADT/DE
 GEORG OEST MINERALÖLWERK GMBH & CO.KG, FREUDENSTADT/DE
 GRUPA LOTOS S.A., GDANSK/PL
 GRUPA LOTOS S.A., GDANSK/PL
 GRUPA LOTOS S.A., GDANSK/PL
 GS CALTEX CORPORATION, SEOUL/KR
 GULF OIL INTERNATIONAL, MUMBAI/IN
 GULF OIL INTERNATIONAL, MUMBAI/IN
 GULF OIL INTERNATIONAL, MUMBAI/IN
 GULF OIL INTERNATIONAL, MUMBAI/IN
 GULF OIL INTERNATIONAL, MUMBAI/IN
 GULF OIL INTERNATIONAL, MUMBAI/IN
 GULF OIL INTERNATIONAL, MUMBAI/IN
 HILL CORPORATION, SHYMKENT/KZ
 HUILES BERLIET S.A., SAINT-PIERST/FR
 HUILES BERLIET S.A., SAINT-PIERST/FR
 INA MAZIVA LTD., ZAGREB/HR
 INA MAZIVA LTD., ZAGREB/HR
 INA MAZIVA LTD., ZAGREB/HR
 KUWAIT PETROLEUM INTERNATIONAL LUBRICANT, ANTWERP/NL
 KUWAIT PETROLEUM INTERNATIONAL LUBRICANT, ANTWERP/NL
 KUWAIT PETROLEUM INTERNATIONAL LUBRICANT, ANTWERP/NL
 KUWAIT PETROLEUM INTERNATIONAL LUBRICANT, ANTWERP/NL
 LIEBHERR HYDRAULIKBAGGER GMBH, KIRCHDORF/DE
 LIEBHERR HYDRAULIKBAGGER GMBH, KIRCHDORF/DE
 LIQUI MOLY GMBH, ULM/DE
 LIQUI MOLY GMBH, ULM/DE
 LIQUI MOLY GMBH, ULM/DE
 LIQUI MOLY GMBH, ULM/DE
 MEGUIN GMBH & CO. KG, SAARLOUIS/DE
 MEGUIN GMBH & CO. KG, SAARLOUIS/DE
 MEGUIN GMBH & CO. KG, SAARLOUIS/DE
 MEGUIN GMBH & CO. KG, SAARLOUIS/DE
 MINERVA-OIL SAS, MEUZAC/FR
 MOL-LUB KFT, ALMASFUZITO/HU
 MOL-LUB KFT, ALMASFUZITO/HU
 MOL-LUB KFT, ALMASFUZITO/HU
 MOOVE LUBRICANTS, GRAVESEND/GB
 MOOVE LUBRICANTS, GRAVESEND/GB
 MORRIS LUBRICANTS, SHREWSBURY/GB
 MOTUL SA, AUBERVILLIERS/FR
 NILS SPA, BURGSTALL/IT
 NIS AD, NOVI SAD/RS
 NIS AD, NOVI SAD/RS
 NIS AD, NOVI SAD/RS
 OEL-BRACK AG, HUNZENSCHWIL/CH
 OILFINO MINERALÖL GMBH, PRISDORF/DE
 OOO "LLK-INTERNATIONAL", MOSCOW/RU
 OOO "LLK-INTERNATIONAL", MOSCOW/RU
 OOO "LLK-INTERNATIONAL", MOSCOW/RU
 OOO "LLK-INTERNATIONAL", MOSCOW/RU
 OOO "LLK-INTERNATIONAL", MOSCOW/RU
 OOO "LLK-INTERNATIONAL", MOSCOW/RU
 OOO "LLK-INTERNATIONAL", MOSCOW/RU
 OOO "LLK-INTERNATIONAL", MOSCOW/RU
 OOO "LLK-INTERNATIONAL", MOSCOW/RU
 OOO "LLK-INTERNATIONAL", MOSCOW/RU
 OOO "LLK-INTERNATIONAL", MOSCOW/RU
 OOO "LLK-INTERNATIONAL", MOSCOW/RU
 OPET FUCHS MADENI YAG. SAN. VE TIC. A.S., IZMIR/TR
 ORLEN OIL SP. Z O.O., KRAKOW/PL
 OY TEBOIL AB, HELSINKI/FI
 PAKELO MOTOR OIL, SAN BONIFACIO (VR)/IT
 PANOLIN AG, MADETSWIL/CH
 PANOLIN AG, MADETSWIL/CH
 PANOLIN AG, MADETSWIL/CH
 PAZ LUBRICANTS & CHEMICALS, HAIFA/IL
 PETRO-CANADA LUBRICANTS INC., MISSISSAUGA, ONTARIO/CA
 PETRO-CANADA LUBRICANTS INC., MISSISSAUGA, ONTARIO/CA
 PETRO-CANADA LUBRICANTS INC., MISSISSAUGA, ONTARIO/CA
 PETRO-CANADA LUBRICANTS INC., MISSISSAUGA, ONTARIO/CA
 PETROBRAS DISTRIBUIDORA S.A., DUQUE DE CAXIAS/BR
 PETROGAL S.A., LISBOA/PT
 PETROGAL S.A., LISBOA/PT
 PETROGAL S.A., LISBOA/PT
 PETROL OFISI A.S., ISTANBUL/TR
 PETROL OFISI A.S., ISTANBUL/TR
 PETROL OFISI A.S., ISTANBUL/TR
 PETRONAS LUBRICANTS INTERNATIONAL SDN BH, KUALA LUMPUR/MY
 PETRONAS LUBRICANTS INTERNATIONAL SDN BH, KUALA LUMPUR/MY
 PETRONAS LUBRICANTS INTERNATIONAL SDN BH, KUALA LUMPUR/MY
 PETRONAS LUBRICANTS INTERNATIONAL SDN BH, KUALA LUMPUR/MY
 PETRONAS LUBRICANTS INTERNATIONAL SDN BH, KUALA LUMPUR/MY
 PETRONAS LUBRICANTS INTERNATIONAL SDN BH, KUALA LUMPUR/MY

Désignation produit (17B)

FUCHS TITAN CYTRAC TD SAE 75W-90
 FUCHS AGRIFARM GEAR SAE 80W-90
 PENTOSIN GEAR SAE 80W-90
 PENTOSIN GEAR PRO SAE 75W-90
 PENTOSIN GEAR ULTRA SAE 75W-90
 G-TRUCK GL-5 80W-90
 GAZPROMNEFT SUPER T-3 SAE 85W90
 G-BOX GL-4/GL-5 75W-90
 GAZPROMNEFT GL-4/GL-5 75W-90
 KAMAZ G-PROFI SERVICE LINE GL-4/GL-5 75W-90
 GAZPROMNEFT GL-5 80W-90
 ROSTSELMASH G-PROFI GRIP GL-5 85W-90
 WEGO GL-5 80W-90
 OEST SYNTH GETRIEBEÖL SAE 75W-90
 OEST MEHRZWECK-GETRIEBEÖL SPEZIAL SAE 85W-90
 TITANIS SUPER GL-5 75W/90
 LOTOS TITANIS GL-5 80W-90
 LOTOS TITANIS GL-5 80W-90
 KIXX GEARTEC X GL-5 80W-90
 GULF SYNGEAR 75W-90
 GULF GEAR DB 80W-90
 GULF GEAR DB 90
 GULF GEAR DB 85W-90
 GULF GEAR LD 80W-90
 GULF GEAR HD 85W-90
 GULF GEAR LD 80W-90
 FASTROL MTF5 80W-90
 RTO LONGEVIA TC ECO 80W-90
 RTO LONGEVIA TCX ECO 75W-90
 INA HIPENOL GTL DB 90
 INA HIPENOL GTL HD 80W-90
 INA HIPENOL SHD 75W-90
 Q8 TRANS XGS 75W-90
 Q8 T 55 SAE 80W-90
 Q8 T 55 SAE 90
 Q8 T 55 SAE 80W-90
 LIEBHERR SYNTOGEAR PLUS 75W-90
 LIEBHERR GEAR HYPOID 90 EP
 LIQUI MOLY HYPOID-GETRIEBEÖL GL5 SAE 85W-90
 LIQUI MOLY VOLL SYN. HYPOID GETR.ÖL TRUCK (75W-90)
 LIQUI MOLY HYPOID-GETRIEBEÖL GL5 SAE 80W-90
 MEGOL HYPOID-GETRIEBEÖL GL 5 SAE 85W-90
 MEGOL GETRIEBEÖL TRUCK-SYNTH SAE 75W-90
 MEGOL HYPOID-GETRIEBEÖL GL 5 SAE 80W-90
 PBH EP 75W-90 TDL
 MOL HYKOMOL K 85W90
 MOL HYKOMOL ZF 80W90
 MOL HYKOMOL TDL 75W90
 COMMA PRO EP 80W-90
 COMMA PRO EP 75W-90 TDL
 EP 80W-90 GEAR OIL
 MOTUL GEAR SYNTH TDL 75W-90
 ATOIL LIFT SAE 80W90
 NISOTEC HIPO LD SAE 80W-90
 NISOTEC HIPO SINT TDL SAE 75W-90
 MIDLAND SENSOGEAR 75W-90
 OILFINO VARIUS G 500 80W-90
 LUKOIL TRANSMISSION TM-5 SAE 80W-90
 LUKOIL TRANSMISSION TM-5 SAE 85W-90
 LUKOIL TRANSMISSION TM-5 SAE 90
 LUKOIL TRANSMISSION B 85W-90
 LUKOIL TRANSMISSION SYNTH BSX 75W-90
 LUKOIL TRANSMISSION UNI S 75W-90
 LUKOIL TRANSMISSION MN 75W-90
 LUKOIL TRANSMISSION GL-5 80W-90
 LUKOIL TRANSMISSION GL-5 90
 LUKOIL TRANSMISSION SYNTH BSX 75W-90
 OTOKAR SPECTRA DO Z 80W-90
 PLATINUM GEAR GL-5 80W-90
 TEBOIL HYPOID SAE 75W-90
 GLOBAL MULTIGEAR TS SAE 75W/90
 PANOLIN SUPER DUTY SYNTH 75W/90
 PANOLIN SUPER DUTY 90
 PANOLIN SUPER DUTY 80W/90
 PAZ GEAR LD 80W-90
 TRAXON 80W-90
 TRAXON SYNTHETIC 75W-90
 TRAXON 80W-90
 LUBRAX TRM 5 SAE 90
 GALP TRANSOIL HP 80W90
 GALP TRANSVEX TDL 75W90
 GALP TRANSOIL HP XT 80W90
 MAXIGEAR EP-X 80W-90
 MAXIGEAR D 75W-90
 MAXIGEAR TECH EP-X 80W-90
 ARBOR TRW 90 (SAE 80W-90)
 AMBRA HYPOIDE 90 (SAE 80W-90)
 AKCELA GEAR 135H EP (SAE 80W-90)
 AKROS GEAR EP 90 (SAE 80W-90)
 TUTELA TRANSMISSION W90/LA (SAE 80W-90)

Numéro de validation**ZF**

ZF003341
 ZF003624
 ZF004809
 ZF004930
 ZF004931
 ZF000556
 ZF000946
 ZF000962
 ZF002302
 ZF003388
 ZF003509
 ZF004803
 ZF004842
 ZF000491
 ZF000566
 ZF000356
 ZF000923
 ZF005949
 ZF003553
 ZF000863
 ZF000879
 ZF000886
 ZF000887
 ZF001134
 ZF001151
 ZF001154
 ZF001950
 ZF003435
 ZF001564
 ZF001566
 ZF000416
 ZF000417
 ZF000977
 ZF000179
 ZF002110
 ZF002112
 ZF003681
 ZF001972
 ZF004912
 ZF000695
 ZF001347
 ZF002053
 ZF000069
 ZF001291
 ZF001998
 ZF004934
 ZF001113
 ZF001118
 ZF003365
 ZF003324
 ZF003420
 ZF000275
 ZF000825
 ZF004883
 ZF000490
 ZF002038
 ZF003680
 ZF000741
 ZF001595
 ZF001596
 ZF001597
 ZF001762
 ZF001763
 ZF001769
 ZF003405
 ZF003408
 ZF003414
 ZF005999
 ZF004755
 ZF000502
 ZF001969
 ZF001224
 ZF000462
 ZF001115
 ZF001117
 ZF003437
 ZF000764
 ZF002212
 ZF003389
 ZF001475
 ZF000772
 ZF000980
 ZF001981
 ZF001499
 ZF001591
 ZF001665
 ZF000007
 ZF000231
 ZF000232
 ZF000233
 ZF000516

Fabricant (17B)

PETRONAS LUBRICANTS INTERNATIONAL SDN BH, KUALA LUMPUR/MY
 PETRONAS LUBRICANTS INTERNATIONAL SDN BH, KUALA LUMPUR/MY
 PETRONAS LUBRICANTS INTERNATIONAL SDN BH, KUALA LUMPUR/MY
 PETRONAS LUBRICANTS INTERNATIONAL SDN BH, KUALA LUMPUR/MY
 PETRONAS LUBRICANTS INTERNATIONAL SDN BH, KUALA LUMPUR/MY
 PETRONAS LUBRICANTS INTERNATIONAL SDN BH, KUALA LUMPUR/MY
 PETRONAS LUBRICANTS INTERNATIONAL SDN BH, KUALA LUMPUR/MY
 PETRONAS LUBRICANTS INTERNATIONAL SDN BH, KUALA LUMPUR/MY
 PETRONAS LUBRICANTS INTERNATIONAL SDN BH, KUALA LUMPUR/MY
 PETRONAS LUBRICANTS INTERNATIONAL SDN BH, KUALA LUMPUR/MY
 PETRONAS LUBRICANTS INTERNATIONAL SDN BH, KUALA LUMPUR/MY
 PHI OIL GMBH, ST. GEORGEN/AT
 PHI OIL GMBH, ST. GEORGEN/AT
 PRISTA OIL HOLDING EAD, RUSE/BG
 PRISTA OIL HOLDING EAD, RUSE/BG
 QATAR LUBRICANTS COMPANY, DOHA/QA
 RAVENSBERGER SCHMIERSTOFFVERTRIEB GMBH, WERTHER/DE
 RAVENSBERGER SCHMIERSTOFFVERTRIEB GMBH, WERTHER/DE
 REPSOL LUBRICANTES Y ESPECIALIDADES, S.A, MADRID/ES
 REPSOL LUBRICANTES Y ESPECIALIDADES, S.A, MADRID/ES
 REPSOL LUBRICANTES Y ESPECIALIDADES, S.A, MADRID/ES
 REPSOL LUBRICANTES Y ESPECIALIDADES, S.A, MADRID/ES
 RN-LUBRICANTS, LLC, MOSCOW/RU
 RN-LUBRICANTS, LLC, MOSCOW/RU
 RN-LUBRICANTS, LLC, MOSCOW/RU
 ROLF LUBRICANTS GMBH, LEVERKUSEN/DE
 ROLF LUBRICANTS GMBH, LEVERKUSEN/DE
 SASOL ENERGY, JOHANNESBURG/ZA
 SHELL INTERNATIONAL PETROLEUM COMP. LTD, LONDON/GB
 SHELL INTERNATIONAL PETROLEUM COMP. LTD, LONDON/GB
 SHELL INTERNATIONAL PETROLEUM COMP. LTD, LONDON/GB
 SHELL INTERNATIONAL PETROLEUM COMP. LTD, LONDON/GB
 SHELL INTERNATIONAL PETROLEUM COMP. LTD, LONDON/GB
 SHELL INTERNATIONAL PETROLEUM COMP. LTD, LONDON/GB
 SHELL INTERNATIONAL PETROLEUM COMP. LTD, LONDON/GB
 SHELL INTERNATIONAL PETROLEUM COMP. LTD, LONDON/GB
 SHELL INTERNATIONAL PETROLEUM COMP. LTD, LONDON/GB
 SHELL INTERNATIONAL PETROLEUM COMP. LTD, LONDON/GB
 SHELL INTERNATIONAL PETROLEUM COMP. LTD, LONDON/GB
 SHELL INTERNATIONAL PETROLEUM COMP. LTD, LONDON/GB
 SHELL INTERNATIONAL PETROLEUM COMP. LTD, LONDON/GB
 SHELL INTERNATIONAL PETROLEUM COMP. LTD, LONDON/GB
 SHELL INTERNATIONAL PETROLEUM COMP. LTD, LONDON/GB
 SHELL INTERNATIONAL PETROLEUM COMP. LTD, LONDON/GB
 SHELL INTERNATIONAL PETROLEUM COMP. LTD, LONDON/GB
 SHELL INTERNATIONAL PETROLEUM COMP. LTD, LONDON/GB
 SHELL INTERNATIONAL PETROLEUM COMP. LTD, LONDON/GB
 SHELL INTERNATIONAL PETROLEUM COMP. LTD, LONDON/GB
 SHELL INTERNATIONAL PETROLEUM COMP. LTD, LONDON/GB
 SINGAPORE PETROLEUM COMPANY LIMITED, SINGAPORE/SG
 SINOPEC LUBRICANT CO., LTD., BEIJING/CN
 SINOPEC LUBRICANT CO., LTD., BEIJING/CN
 SRS SCHMIERSTOFF VERTRIEB GMBH, SALZBERGEN/DE
 SRS SCHMIERSTOFF VERTRIEB GMBH, SALZBERGEN/DE
 SRS SCHMIERSTOFF VERTRIEB GMBH, SALZBERGEN/DE
 SRS SCHMIERSTOFF VERTRIEB GMBH, SALZBERGEN/DE
 SRS SCHMIERSTOFF VERTRIEB GMBH, SALZBERGEN/DE
 SRS SCHMIERSTOFF VERTRIEB GMBH, SALZBERGEN/DE
 TEDEX S.A., WARSZAWA/PL
 TEXSA DO BRASIL LTDA, UMUARAMA/PR/BR
 TEXSA DO BRASIL LTDA, UMUARAMA/PR/BR
 TEXSA DO BRASIL LTDA, UMUARAMA/PR/BR
 TOTAL LUBRIFIANTS S.A., NANTERRE/FR
 TOTAL LUBRIFIANTS S.A., NANTERRE/FR
 TOTAL LUBRIFIANTS S.A., NANTERRE/FR
 TOTAL LUBRIFIANTS S.A., NANTERRE/FR
 TOTAL LUBRIFIANTS S.A., NANTERRE/FR
 TOTAL LUBRIFIANTS S.A., NANTERRE/FR
 UNIL OPAL, SAUMUR/FR
 VALVOLINE EUROPE, DORDRECHT/NL
 VALVOLINE EUROPE, DORDRECHT/NL
 VALVOLINE EUROPE, DORDRECHT/NL
 VEEDOL INTERNATIONAL LIMITED, GLASGOW/GB
 WOLF OIL CORPORATION N.V., HEMIKSEM/BE
 YACCO SAS, ST PIERRE LES ELBEUF/FR
 ZELLER+GMEIN GMBH&CO.KG, EISLINGEN/DE

Désignation produit (17B)

TUTELA TRANSMISSION W90/M-DA (SAE 80W-90)
 TUTELA TRANSMISSION FE-AXLE (SAE 75W-90)
 ARBOR TRW 90 (SAE 80W-90)
 TUTELA TRANSMISSION STARGEAR AX-ED (SAE 75W-90)
 AMBRA HYPOIDE 90 (SAE 80W-90)
 PETRONAS TUTELA AXLE 700 EHD 75W-90
 TUTELA TRANSMISSION W 90/LA (SAE 80W-90)
 ARBOR TRW 90 (SAE 80W-90)
 AKCELA GEAR 135H EP (SAE 80W-90)
 AKROS GEAR EP 90 (SAE 80W-90)
 TUTELA TRANSMISSION W 90/M-DA (SAE 80W-90)
 PETRONAS TUTELA AXLE 300 80W-90
 UNIGEAR GOLD 75W90
 UNIGEAR GOLD 75W90
 PRISTA EP 90
 PRISTA EP 80W-90
 QALCO SUPER GEAR OIL ZX 80W-90
 RAVENOL HYPOID EPX GETR.-OEL 80W-90 GL5
 RAVENOL SLG SAE 80W-90
 REPSOL CARTAGO EP SAE 90
 REPSOL CARTAGO FE LD 75W90
 REPSOL CARTAGO EP MULTIGRADO SAE 80W90
 REPSOL CARTAGO LD 80W90
 ROSNEFT KINETIC HYPOID 80W-90
 ROSNEFT KINETIC HYPOID 85W-90
 ROSNEFT HYPOID GL-5 80W-90
 ROLF TRANSMISSION S9 AGE 75W-90
 ROLF TRANSMISSION M5 A 80W-90
 SYN GEAR DIFFERENTIAL OIL 75W-90
 SHELL SPIRAX S6 AXME 75W-90
 SHELL SPIRAX MB 90
 SHELL SPIRAX MB 90
 SHELL SPIRAX S3 AX 80W-90
 SHELL SPIRAX S3 AD 80W-90
 SHELL SPIRAX S6 AXME 75W-90
 SHELL SPIRAX HD 80W- 90
 SHELL SPIRAX HD 80W- 90
 SHELL SPIRAX HD 80W- 90
 SHELL SPIRAX S6 AXME 75W-90
 SHELL SPIRAX S4 AX (80W-90)
 SHELL SPIRAX S4 AX (80W-90)
 SHELL SPIRAX S4 AX (80W-90)
 SHELL SPIRAX S6 ADME 75W- 90
 GEARLUBE HG M2 SAE 80W-90
 SINOPEC GREATWALL VT 75W/90
 SINOPEC GREATWALL MULTIPURPOSE GEAR OIL 80W-90
 SRS VIOLIN HYPOID-GETRIEBEÖL 80W-90
 SRS VIOLIN HYPOID-GETRIEBEÖL 90
 SRS GETRIEBEFLUID SXL 75W-90
 SRS VIOLIN HL 5 SAE 80W-90
 SRS VIOLIN HL 5 SAE 85W-90
 TEDEX SUPER GEAR OIL (TDL) SAE 80W-90
 TEXSA GEAR MULTI GL-5 90
 TEXSA GEAR MULTI GL-5 80W90
 MONTANA DYNAMIC TRACTOGEAR 5 80W90
 ELF TRANSELF SYNTHESI FE 75W-90
 TOTAL TRANSMISSION DUAL 9 FE 75W-90
 ELF TRANSELF TYPE B 90
 ELF TRANSELF TYPE B 80W-90
 TOTAL DYNATRANS HD 80W-90
 TRAXIUM AXLE 7 80W-90
 GEAR ZF 80W90
 VALVOLINE HEAVY DUTY TDL PRO 75W-90
 VALVOLINE HEAVY DUTY AXLE OIL PRO 80W-90 LD
 NESTE PRO AXLE TDL 75W-90
 VEEDOL TRANSMISSION SYNTHETIC LD 75W-90
 WOLF OFFICIALTECH 75W90 GL 5
 BVX 1000 75W-90
 DIVINOL MULTI-AXLE 80W90

Numéro de validation**ZF**

ZF000666
 ZF001199
 ZF001201
 ZF001738
 ZF003638
 ZF003639
 ZF003640
 ZF003641
 ZF003642
 ZF003658
 ZF003659
 ZF003703
 ZF001203
 ZF003606
 ZF000378
 ZF000380
 ZF002077
 ZF001110
 ZF005984
 ZF000379
 ZF000451
 ZF000623
 ZF001141
 ZF003335
 ZF003337
 ZF004908
 ZF003626
 ZF003629
 ZF000702
 ZF000016
 ZF000322
 ZF000323
 ZF001233
 ZF001237
 ZF001262
 ZF001352
 ZF001353
 ZF001354
 ZF001433
 ZF001619
 ZF001620
 ZF001621
 ZF003334
 ZF005976
 ZF000527
 ZF002267
 ZF000441
 ZF000444
 ZF001655
 ZF001911
 ZF001912
 ZF001342
 ZF001941
 ZF001942
 ZF003665
 ZF001555
 ZF001771
 ZF002069
 ZF002071
 ZF002310
 ZF004878
 ZF000343
 ZF001283
 ZF001837
 ZF003631
 ZF001629
 ZF003525
 ZF001612
 ZF001684

Classe des lubrifiants 17C**Fabricant (17C)**

ACPA, ALEXANDRIA/EG
 ADDINOL LUBE OIL GMBH, LEUNA/DE
 ADDINOL LUBE OIL GMBH, LEUNA/DE
 ADDINOL LUBE OIL GMBH, LEUNA/DE
 AVISTA OIL DEUTSCHLAND GMBH, UETZE/DE
 AVISTA OIL DEUTSCHLAND GMBH, UETZE/DE
 AVISTA OIL DEUTSCHLAND GMBH, UETZE/DE
 AVISTA OIL DEUTSCHLAND GMBH, UETZE/DE
 AVISTA OIL DEUTSCHLAND GMBH, UETZE/DE
 AVISTA OIL DEUTSCHLAND GMBH, UETZE/DE
 AVISTA OIL DEUTSCHLAND GMBH, UETZE/DE
 AVISTA OIL DEUTSCHLAND GMBH, UETZE/DE
 BAYWA AG MÜNCHEN, MÜNCHEN/DE
 BAYWA AG MÜNCHEN, MÜNCHEN/DE
 BUCHER AG LANGENTHAL, LANGENTHAL/CH
 CEPESA COMERCIAL PETRÓLEO S.A.U., MADRID/ES
 CEPESA COMERCIAL PETRÓLEO S.A.U., MADRID/ES
 CHEVRON LUBRICANTS, SAN RAMON, CA/US
 CHEVRON LUBRICANTS, SAN RAMON, CA/US
 CHEVRON LUBRICANTS, SAN RAMON, CA/US
 COMERCIAL ROSHFRANS, S.A. DE C.V., MEXICO, D.F./MX
 ENI S.P.A., ROME/IT
 EXXONMOBIL CORPORATION, HOUSTON, TX/US
 EXXONMOBIL CORPORATION, HOUSTON, TX/US
 FUCHS PETROLUB SE, MANNHEIM/DE
 FUCHS PETROLUB SE, MANNHEIM/DE
 GAZPROMNEFT-LUBRICANTS, MOSCOW/RU
 GAZPROMNEFT-LUBRICANTS, MOSCOW/RU
 GAZPROMNEFT-LUBRICANTS, MOSCOW/RU
 GRUPA LOTOS S.A., GDANSK/PL
 HILL CORPORATION, SHYMKENT/KZ
 ICONIC LUBRIFICANTES SA, RIO DE JANEIRO/BR
 INA MAZIVA LTD., ZAGREB/HR
 INA MAZIVA LTD., ZAGREB/HR
 INA MAZIVA LTD., ZAGREB/HR
 INA MAZIVA LTD., ZAGREB/HR
 KUWAIT PETROLEUM INTERNATIONAL LUBRICANT, ANTWERP/NL
 LIQUI MOLY GMBH, ULM/DE
 LIQUI MOLY GMBH, ULM/DE
 LIQUI MOLY GMBH, ULM/DE
 LIQUI MOLY GMBH, ULM/DE
 MEGUIN GMBH & CO. KG, SAARLOUIS/DE
 MOL-LUB KFT, ALMASFUZITO/HU
 MOL-LUB KFT, ALMASFUZITO/HU
 MOL-LUB KFT, ALMASFUZITO/HU
 MORRIS LUBRICANTS, SHREWSBURY/GB
 OOO "LLK-INTERNATIONAL", MOSCOW/RU
 ORLEN OIL SP. Z O.O., KRAKOW/PL
 OY TEBOIL AB, HELSINKI/FI
 PAKELO MOTOR OIL, SAN BONIFACIO (VR)/IT
 PAKELO MOTOR OIL, SAN BONIFACIO (VR)/IT
 PANOLIN AG, MADETSWIL/CH
 PETRO-CANADA LUBRICANTS INC., MISSISSAUGA, ONTARIO/CA
 PETROBRAS DISTRIBUIDORA S.A., DUQUE DE CAXIAS/BR
 PETROGAL S.A., LISBOA/PT
 PETROL OFISI A.S., ISTANBUL/TR
 PETRONAS LUBRICANTS INTERNATIONAL SDN BH, KUALA LUMPUR/MY
 PETRONAS LUBRICANTS INTERNATIONAL SDN BH, KUALA LUMPUR/MY
 PETRONAS LUBRICANTS INTERNATIONAL SDN BH, KUALA LUMPUR/MY
 PETRONAS LUBRICANTS INTERNATIONAL SDN BH, KUALA LUMPUR/MY
 REPSOL LUBRICANTES Y ESPECIALIDADES, S.A, MADRID/ES
 REPSOL LUBRICANTES Y ESPECIALIDADES, S.A, MADRID/ES
 SHELL INTERNATIONAL PETROLEUM COMP. LTD, LONDON/GB
 SHELL INTERNATIONAL PETROLEUM COMP. LTD, LONDON/GB
 SINOPEC LUBRICANT CO., LTD., BEIJING/CN
 SINOPEC LUBRICANT CO., LTD., BEIJING/CN
 SPECOL SP. Z O.O., CHORZOW/PL
 TEDEX S.A., WARSZAWA/PL
 VALVOLINE, LEXINGTON/US
 ZF FRIEDRICHSHAFEN AG, FRIEDRICHSHAFEN/DE

Désignation produit (17C)

ACPA DEX-IIIH
 ADDINOL ATF D II D
 ADDINOL ATF XN 2
 ADDINOL ATF XN 3
 AVISTA SUPER FLUID TYP P/CN
 AVISTA SUPER FLUID ATF 3000
 PENNASOL SUPER FLUID ATF 3000
 PENNASOL SUPER FLUID TYP P/CN
 MOTOR GOLD FLUIDTEC TYP P/CN
 MOTOR GOLD FLUIDTEC ATF 3000
 AVISTA PEER EVO ATF 3000
 AVISTA PEER EVO ATF 2000
 TECTROL ATF 3000
 TECTROL ATF 4000
 ATF TP
 CEPESA ATF 3000 S
 CEPESA ATF 2000S
 TEXAMATIC 4291
 DELO SYN ATF HD
 HAVOLINE MULTI-VEHICLE ATF
 ATF ALLPOWER MULTIVEHICULOS
 ENI ROTRA ATF II E
 MOBIL ATF 320
 MOBIL ATF LT 71141
 FUCHS TITAN ATF 5005
 FUCHS TITAN ATF 1
 G-BOX ATF DXII
 G-BOX EXPERT ATF DX III
 GAZPROMNEFT ATF DX III
 LOTOS ATF SUPER III G
 FASTROIL ATF 3
 IPIRANGA ATF OEM PREMIUM
 INA ATF SUPER
 INA ATF DX III
 INA ATF DX IID
 INA ATF DX IIH
 Q8 AUTO Z3D
 LIQUI MOLY TOP TEC ATF 1100
 LIQUI MOLY MARINE ATF
 LIQUI MOLY ATF III
 MEGOL TRANSMISSION-FLUID ATF III
 MOL ATF
 MOL ATF SYNT 3H
 MOL ATF SYNT
 MULTITRANS ACV
 LUKOIL ATF SYNTH HD
 HIPOL ATF II E
 TEBOIL FLUID E
 AUXON II E
 ATF XT III FLUID
 PANOLIN ATF SUPER VTX
 DURADRIVE HD SYNTHETIC BLEND ATF
 LUBRAX ATF HD
 GALP TRANSMATIC D III
 ATF DX-3
 TUTELA TRANSMISSION GI/E
 TUTELA TRANSMISSION STARFLUID PS
 PETRONAS TUTELA ATF 500 HD
 PETRONAS TUTELA ATF 500 HD
 REPSOL MATIC III
 REPSOL MATIC LD ATF
 SHELL SPIRAX S6 ATF VM PLUS
 SPIRAX S4 ATF HDX
 SINOPEC GREATWALL ATF III LD
 SINOPEC GREATWALL ATF HD
 HIPOSPEC ATF IID
 TEDEX ATF III
 SYN GARD™ ATF ES
 ZF LIFEGUARDFLUID 5

Numéro de validation**ZF**

ZF004823
 ZF000698
 ZF003702
 ZF004910
 ZF002128
 ZF002129
 ZF002296
 ZF002297
 ZF002311
 ZF002312
 ZF004774
 ZF004775
 ZF004798
 ZF004799
 ZF003609
 ZF000386
 ZF002040
 ZF001574
 ZF001664
 ZF001714
 ZF000385
 ZF000951
 ZF000043
 ZF000044
 ZF000717
 ZF003602
 ZF001955
 ZF004918
 ZF004919
 ZF000620
 ZF003429
 ZF004887
 ZF000248
 ZF000390
 ZF000392
 ZF002314
 ZF003726
 ZF004926
 ZF004927
 ZF004928
 ZF004928
 ZF004922
 ZF001251
 ZF001895
 ZF004917
 ZF002268
 ZF001125
 ZF003623
 ZF003321
 ZF000048
 ZF001177
 ZF001218
 ZF004790
 ZF002120
 ZF001425
 ZF001667
 ZF000481
 ZF000993
 ZF003635
 ZF004757
 ZF000318
 ZF001751
 ZF001371
 ZF001812
 ZF001360
 ZF003348
 ZF003354
 ZF001350
 ZF003710
 ZF001363

Fabricant (17E)

PHI OIL GMBH, ST. GEORGEN/AT
 RAVENSBERGER SCHMIERSTOFFVERTRIEB GMBH, WERTHER/DE
 REPSOL LUBRICANTES Y ESPECIALIDADES, S.A, MADRID/ES
 ROLF LUBRICANTS GMBH, LEVERKUSEN/DE
 SAME DEUTZ FAHR, TREVIGLIO/IT
 SAME DEUTZ FAHR, TREVIGLIO/IT
 SASOL ENERGY, JOHANNESBURG/ZA
 SASOL ENERGY, JOHANNESBURG/ZA
 SAVITA OIL TECHNOLOGIES LIMITED, MUMBAI/IN
 SEANON PETROCHEMICAL CO.,LTD., LIUZHOU, GUANGXI/CN
 SHELL INTERNATIONAL PETROLEUM COMP. LTD, LONDON/GB
 SHELL INTERNATIONAL PETROLEUM COMP. LTD, LONDON/GB
 SHELL INTERNATIONAL PETROLEUM COMP. LTD, LONDON/GB
 SHELL INTERNATIONAL PETROLEUM COMP. LTD, LONDON/GB
 SHELL INTERNATIONAL PETROLEUM COMP. LTD, LONDON/GB
 SHELL INTERNATIONAL PETROLEUM COMP. LTD, LONDON/GB
 SHELL INTERNATIONAL PETROLEUM COMP. LTD, LONDON/GB
 SINOPEC LUBRICANT CO., LTD., BEIJING/CN
 SINOPEC LUBRICANT CO., LTD., BEIJING/CN
 SK LUBRICANTS, SEOUL/KR
 SRS SCHMIERSTOFF VERTRIEB GMBH, SALZBERGEN/DE
 SRS SCHMIERSTOFF VERTRIEB GMBH, SALZBERGEN/DE
 TOTAL LUBRIFIANTS S.A., NANTERRE/FR
 TOTAL LUBRIFIANTS S.A., NANTERRE/FR
 TOTAL LUBRIFIANTS S.A., NANTERRE/FR
 TOTAL LUBRIFIANTS S.A., NANTERRE/FR
 TOTAL LUBRIFIANTS S.A., NANTERRE/FR
 TOTAL LUBRIFIANTS S.A., NANTERRE/FR
 TOTAL LUBRIFIANTS S.A., NANTERRE/FR
 UNIL OPAL, SAUMUR/FR
 UNIL OPAL, SAUMUR/FR
 VALVOLINE CUMMINS PVT LIMITED, GURGAON/IN
 VALVOLINE EUROPE, DORDRECHT/NL
 VALVOLINE EUROPE, DORDRECHT/NL
 WOLF OIL CORPORATION N.V., HEMIKSEM/BE

Désignation produit (17E)

GEAR OIL UTTO SILVER 10W-30
 RAVENOL GETRIEBEOEL UTTO
 REPSOL ORION UTTO
 ROLF UTTO SAE 10W-30
 SDF UTTO
 DF UTTO
 UNIVERSAL TRANSMISSION OIL 68
 SASOL UNIVERSAL TRANSMISSION OIL RS 68
 SAVSOL 315 HAT
 SEANON DEDICATED TRANSMISSION OIL 10W-30
 SHELL SPIRAX S4 TXM
 SHELL SPIRAX S4 TXM
 SHELL SPIRAX S4 TXM
 SHELL SPIRAX S6 TXME
 SHELL SPIRAX S4 TXM
 SHELL SPIRAX S4 TXM
 SHELL SPIRAX S4 TXM
 SHELL SPIRAX S4 TXM
 SINOPEC GREATWALL UTTO
 SINOPEC UTTO
 SK ZIC GL-4 ZF 80W
 SRS HYDROFLUID N
 SRS HYDROFLUID A
 TOTAL DYNATRANS MPV
 ELF TRACTELF BF 16
 TOTAL DYNATRANS LS 20W-40
 TOTAL DYNATRANS MPWB
 TOTAL DYNATRANS MPV
 ELF TRACTELF BF 16
 TOTAL DYNATRANS MPX
 UNIL OPAL FLUID G2 VARIO
 UNIL OPAL FLUID MVZ
 VALVOLINE UTF PREMIUM
 UNITRAC 80W
 NESTE GEAR UTTO
 WOLF TRACTOFLUID 170 BM

Numéro de validation

ZF
 ZF000958
 ZF001718
 ZF003445
 ZF003375
 ZF002229
 ZF002230
 ZF000707
 ZF001828
 ZF001131
 ZF001959
 ZF000357
 ZF000358
 ZF000359
 ZF001295
 ZF001613
 ZF003325
 ZF005938
 ZF000105
 ZF004916
 ZF003380
 ZF000827
 ZF004867
 ZF000540
 ZF001317
 ZF001346
 ZF001539
 ZF002098
 ZF002099
 ZF002222
 ZF003564
 ZF003565
 ZF002218
 ZF002041
 ZF003473
 ZF005951

Classe des lubrifiants 17F

Fabricant (17F)

ADDINOL LUBE OIL GMBH, LEUNA/DE

Désignation produit (17F)

ADDINOL UTTO SPEZIAL

Numéro de validation

ZF

ZF000635

Classe des lubrifiants 17G

Huile universelle supérieure pour essieux et boîtes de vitesses

Fabricant (17G)

SINOPEC LUBRICANT CO., LTD., BEIJING/CN
ZF FRIEDRICHSHAFEN AG, FRIEDRICHSHAFEN/DE
ZF FRIEDRICHSHAFEN AG, FRIEDRICHSHAFEN/DE

Désignation produit (17G)

SINOPEC GREATWALL HD DRIVE AXLE OIL
ZF POWERFLUID C-PLUS
ZF POWERFLUID PLUS

Numéro de validation

ZF
ZF002162
ZF002087
ZF005995

Classe des lubrifiants 17H**Fabricant (17H)**

ADDINOL LUBE OIL GMBH, LEUNA/DE
 ARAL AG, BOCHUM/DE
 AVISTA OIL DEUTSCHLAND GMBH, UETZE/DE
 AVISTA OIL DEUTSCHLAND GMBH, UETZE/DE
 BAYWA AG MÜNCHEN, MÜNCHEN/DE
 BLASER SWISSLUBE AG, HASLE-RÜEGSAU/CH
 BP PLC., LONDON/GB
 BUCHER AG LANGENTHAL, LANGENTHAL/CH
 CASTROL LTD, LONDON/GB
 CASTROL LTD, LONDON/GB
 CHEVRON LUBRICANTS, SAN RAMON, CA/US
 CHEVRON LUBRICANTS, SAN RAMON, CA/US
 ELLIS ENTERPRISES EAST D.O.O. KRUSEVAC, KRUSEVAC/RS
 EXXONMOBIL CORPORATION, HOUSTON, TX/US
 FINKE MINERALÖLWERK GMBH, 27374 VISSELHÖVEDE/DE
 FUCHS PETROLUB SE, MANNHEIM/DE
 GAZPROMNEFT-LUBRICANTS, MOSCOW/RU
 GEORG OEST MINERALÖLWERK GMBH & CO.KG, FREUDENSTADT/DE
 GRUPA LOTOS S.A., GDANSK/PL
 GULF OIL INTERNATIONAL, MUMBAI/IN
 INA MAZIVA LTD., ZAGREB/HR
 KUWAIT PETROLEUM INTERNATIONAL LUBRICANT, ANTWERP/NL
 LIQUI MOLY GMBH, ULM/DE
 MEGUIN GMBH & CO. KG, SAARLOUIS/DE
 NIS AD, NOVI SAD/RS
 OOO "LLK-INTERNATIONAL", MOSCOW/RU
 ORLEN OIL SP. Z O.O., KRAKOW/PL
 OY TEBOIL AB, HELSINKI/FI
 PANOLIN AG, MADETSWIL/CH
 PETROMIN LUBRICANTS, JEDDAH/SA
 SHELL INTERNATIONAL PETROLEUM COMP. LTD, LONDON/GB
 SINOPEC LUBRICANT CO., LTD., BEIJING/CN
 SRS SCHMIERSTOFF VERTRIEB GMBH, SALZBERGEN/DE
 TOTAL LUBRIFIANTS S.A., NANTERRE/FR
 ZF FRIEDRICHSHAFEN AG, FRIEDRICHSHAFEN/DE

Désignation produit (17H)

ADDINOL GETRIEBEÖL GX 80W-90 ML
 ARAL GETRIEBEÖL EP PLUS 80W-90
 AVISTA PEER EVO GL4/GL5 SAE 80W-90
 AVISTA PEER EVO PRIME GL4/GL5 SAE 80W-90
 TECTROL MULTIGEAR PLUS 8090
 EVOLCA BGP 80W90
 BP ENERGEAR HT 80W-90
 GEAR ZX TP SAE 80W/90
 CASTROL SYNTRAX UNIVERSAL 80W-90
 CASTROL TRANSMAX UNIVERSAL LL 80W-90
 MULTIGEAR 80W-90
 DELO GEAR TDL 80W-90
 MULTIHIPO 80W-90 F PLUS
 MOBILUBE S 80W-90
 AVIATICON FINKOGEAR SUPER 80W-90
 FUCHS TITAN SUPERGEAR MC SAE 80W-90
 G-TRUCK GL-4/GL-5 80W-90
 OEST GETRIEBEÖL FE SAE 80W-90 GL4/5
 TITANIS SUPER GL-5 80W-90
 GULF GEAR TDL 80W-90
 INA HIPENOL TDL 80W-90
 Q8 GEAR OIL XG SAE 80W-90
 LIQUI MOLY HYPOID GETRIEBEÖL TDL SAE 80W-90
 MEGOL HYPOID-GETRIEBEOEL TDL 80W-90
 NISOTEC HIPO LD ZF SAE 80W-90
 LUKOIL TRANSMISSION UNI 80W-90
 PLATINUM GEAR LL 80W-90
 TEBOIL HYPOID SAE 80W-90
 PANOLIN TOPGEAR 80W/90
 PETROMIN GEAR BOX Z12 SAE 80W90
 SHELL SPIRAX S3 AM 80W-90
 SINOPEC MULTIPURPOSE-II GEAR OIL 80W-90
 SRS GETRIEBEFLUID SML 80W-90
 TRAXIUM DUAL 8 FE 80W-90
 ZF ECOFLUID X SAE 80W-90

Numéro de validation**ZF**

ZF000672
 ZF000460
 ZF004780
 ZF004797
 ZF001160
 ZF004735
 ZF000200
 ZF001721
 ZF000227
 ZF002143
 ZF000812
 ZF002273
 ZF001456
 ZF000776
 ZF002299
 ZF000722
 ZF000554
 ZF000565
 ZF001098
 ZF000780
 ZF000432
 ZF002103
 ZF001323
 ZF001183
 ZF001362
 ZF002259
 ZF000311
 ZF001970
 ZF000423
 ZF001966
 ZF001292
 ZF003332
 ZF000447
 ZF004817
 ZF001266