



Boîtes et ponts pour chariots élévateurs

Liste de lubrifiants TE-ML 17

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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⁾
Liaison de l'arbre cannelé GK16, GK20, GK25, GK26LD, GK30, GK40	17K
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 GP19, GP27, GP35	17E / 17G
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 01.04.2024 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
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
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
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
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
GULF OIL INTERNATIONAL, MUMBAI/IN
HILL CORPORATION, SHYMKENT/KZ
HINDUSTAN PETROLEUM CORPORATION LTD., MUMBAI/IN
HINDUSTAN PETROLEUM CORPORATION LTD., MUMBAI/IN
INA MAZIVA LTD., ZAGREB/HR
INA MAZIVA LTD., ZAGREB/HR
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
MOTOREX AG, LANGENTHAL/CH
MOTUL SA, AUBERVILLIERS/FR
OILFINO MINERALÖL GMBH, PRISDORF/DE
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
ORLEN OIL SP. Z O.O., KRAKOW/PL
ORLEN OIL SP. Z O.O., KRAKOW/PL
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
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
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 ENMOVE CO.,LTD., SEOUL/KR
SK ENMOVE CO.,LTD., 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
TOTALENERGIES LUBRIFIANTS, NANTERRE/FR
TOTALENERGIES LUBRIFIANTS, NANTERRE/FR

Désignation produit (17A)

ADDINOL GETRIEBEÖL GS 80W
ADDINOL GETRIEBEÖL GS 80W-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
CASTROL TRANSMAX MANUAL EP 80W-90
CASTROL TRANSMAX MANUAL EP 80W-90
CASTROL TRANSMAX MANUAL EP 80W-90
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
UNIVERSAL EP SAE 80W
TOR MULTIPURPOSE GEAR OIL SAE 80W90
MOBILUBE GX-A 80W
FUCHS TITAN GEAR MP SAE 80
GEARWAY G4 80W
FUCHS TITAN GEAR ZF SAE 80
GULF GEAR XP 80W
GULF GEAR XP 80W
GULF GEAR XP 90
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
INA TRANSMOL HD 80W-90
INA TRANSMOL DB 80W
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
MOTOREX YORK GEAR OIL EP 80W
MOTUL GEAR MB 80W
OILFINO VARIUS G 300 SAE 80W-90
OPET FULLGEAR EP MT 80W
PLATINUM GEAR GL-4 80W
PLATINUM GEAR GL-4 80W-90
ORLEN OIL GEAR GL-4 80W-90
ORLEN OIL GEAR GL-4 80W
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
REPSOL CARTAGO EPM 90
REPSOL NAVIGATOR HQ GL-4 SAE 80W
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
TRAXIUM GEAR 7 80W-90
TRAXIUM GEAR 7 80W-90

Numéro de validation

ZF

ZF000630
ZF000701
ZF004779
ZF004792
ZF001694
ZF001162
ZF000665
ZF002133
ZF002135
ZF002136
ZF004862
ZF000023
ZF000087
ZF000800
ZF000801
ZF002276
ZF002277
ZF008245
ZF000622
ZF000077
ZF000654
ZF001048
ZF002313
ZF000256
ZF000258
ZF000428
ZF000471
ZF000684
ZF000873
ZF000874
ZF000875
ZF000893
ZF001034
ZF001150
ZF001849
ZF003436
ZF001526
ZF001527
ZF000425
ZF000426
ZF000166
ZF002108
ZF000694
ZF002054
ZF000068
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ZF001116
ZF007143
ZF000395
ZF000739
ZF000636
ZF000360
ZF000500
ZF011320
ZF011353
ZF004902
ZF004904
ZF000767
ZF000768
ZF001666
ZF001028
ZF003683
ZF001399
ZF001109
ZF000631
ZF000633
ZF008275
ZF000325
ZF000326
ZF004866
ZF004869
ZF001727
ZF001933
ZF001936
ZF000715
ZF002132
ZF000440
ZF000445
ZF000446
ZF001914
ZF001915
ZF001916
ZF006084
ZF006085

Fabricant (17A)

TOTALENERGIES LUBRIFIANTS, NANTERRE/FR
TOTALENERGIES LUBRIFIANTS, NANTERRE/FR
TOTALENERGIES LUBRIFIANTS, NANTERRE/FR
TOTALENERGIES LUBRIFIANTS, NANTERRE/FR
TOTALENERGIES LUBRIFIANTS, NANTERRE/FR
TOTALENERGIES LUBRIFIANTS, NANTERRE/FR
TOTALENERGIES LUBRIFIANTS, NANTERRE/FR
UNIL OPAL, SAUMUR/FR
UNIL OPAL, SAUMUR/FR
VIBRA ENERGIA S.A., DUQUE DE CAXIAS/BR
VIBRA ENERGIA S.A., DUQUE DE CAXIAS/BR
VIBRA ENERGIA S.A., DUQUE DE CAXIAS/BR
YPF S.A., BUENOS AIRES/AR

Désignation produit (17A)

TRANSELF EP 80W
TRAXIUM GEAR 7 80W-85
TRANSELF EP 80W
TRAXIUM GEAR 7 80W-85
TRAXIUM GEAR 7 85W-90
TRAXIUM GEAR 7 85W-90
TRANSELF EP 80W-90
TRANSELF EP 80W-90
GEAR EP 80W
GEAR EP 80W-90
LUBRAX TRM 4 SAE 90
LUBRAX TRM 4 SAE 80W
LUBRAX TRM 4 SAE 90
HELICOIDAL M (80W)

Numéro de validation

ZF
ZF008213
ZF008214
ZF008215
ZF008217
ZF008222
ZF008223
ZF008381
ZF008382
ZF000377
ZF007161
ZF001477
ZF006102
ZF006103
ZF000657

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

ADDINOL LUBE OIL GMBH, LEUNA/DE
 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
 BAHRAIN PETROLEUM COMPANY, AWALI/BH
 BAHRAIN PETROLEUM COMPANY, AWALI/BH
 BAHRAIN PETROLEUM COMPANY, AWALI/BH
 BASF SE, LUDWIGSHAFEN/DE
 BAYWA AG MÜNCHEN, MÜNCHEN/DE
 BELGIN MADENI YAGLAR TIC. VE SAN. A.S., KOCAELI/TR
 BELGIN MADENI YAGLAR TIC. VE SAN. A.S., KOCAELI/TR
 BLASER SWISSLUBE AG, HASLE-RÜEGSAU/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
 CASTROL LTD, LONDON/GB
 CASTROL LTD, LONDON/GB
 CEPSA COMERCIAL PETRÓLEO S.A.U., MADRID/ES
 CEPSA COMERCIAL PETRÓLEO S.A.U., MADRID/ES
 CEPSA COMERCIAL PETRÓLEO S.A.U., MADRID/ES
 CEPSA COMERCIAL PETRÓLEO S.A.U., MADRID/ES
 CEPSA COMERCIAL PETRÓLEO S.A.U., MADRID/ES
 CHAMPION CHEMICALS N.V., HEMIKSEM/BE
 CHEVRON LUBRICANTS, SAN RAMON, CA/US
 CHEVRON LUBRICANTS, SAN RAMON, CA/US
 CHEVRON LUBRICANTS, SAN RAMON, CA/US
 CHEVRON LUBRICANTS, SAN RAMON, CA/US
 CHEVRON LUBRICANTS, SAN RAMON, CA/US
 CHEVRON LUBRICANTS, SAN RAMON, CA/US
 CHEVRON LUBRICANTS, SAN RAMON, CA/US
 CHEVRON LUBRICANTS, SAN RAMON, CA/US
 CHEVRON LUBRICANTS, SAN RAMON, CA/US
 CLASS KGAA MBH, HARSEWINKEL/DE
 CLASS KGAA MBH, HARSEWINKEL/DE
 CONDAT LUBRIFIANTS, CHASSE SUR RHONE/FR
 CYCLON HELLAS SA, ATHENS/GR
 DE OLIEBRON BV, ZWIJNDRECHT/NL
 DE OLIEBRON BV, ZWIJNDRECHT/NL
 DEUTSCHE ÖLWERKE LUBMIN, LUBMIN/DE
 EKO ABEE, ATHENS/GR
 ELLIS ENTERPRISES EAST D.O.O. KRUSEVAC, KRUŠEVAC/RS
 ELLIS ENTERPRISES EAST D.O.O. KRUSEVAC, KRUŠEVAC/RS
 ENI SUSTAINABLE MOBILITY S.P.A., ROME/IT
 ENI SUSTAINABLE MOBILITY S.P.A., ROME/IT
 ENI SUSTAINABLE MOBILITY S.P.A., ROME/IT
 EXXONMOBIL CORPORATION, HOUSTON, TX/US
 EXXONMOBIL CORPORATION, HOUSTON, TX/US
 EXXONMOBIL CORPORATION, HOUSTON, TX/US
 EXXONMOBIL CORPORATION, HOUSTON, TX/US
 EXXONMOBIL CORPORATION, HOUSTON, TX/US
 EXXONMOBIL CORPORATION, HOUSTON, TX/US
 EXXONMOBIL CORPORATION, HOUSTON, TX/US
 EXXONMOBIL CORPORATION, HOUSTON, TX/US
 EXXONMOBIL CORPORATION, HOUSTON, TX/US
 FINKE MINERALÖLWERK GMBH, 27374 VISSELHÖVE/DE
 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
 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
 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
 FUCHS PETROLUB SE, MANNHEIM/DE
 FUCHS PETROLUB SE, MANNHEIM/DE
 FUCHS PETROLUB SE, MANNHEIM/DE
 GEORG OEST MINERALÖLWERK GMBH & CO.KG, FREUDENSTADT/DE
 GEORG OEST MINERALÖLWERK GMBH & CO.KG, FREUDENSTADT/DE
 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-PRIEST/FR
 HUILES BERLIET S.A., SAINT-PRIEST/FR

Désignation produit (17B)

ADDINOL GETRIEBEÖL GH 85W-90
 ADDINOL GETRIEBEÖL GH 80W-90
 ADDINOL GETRIEBEÖL GH 75 W 90 SL
 ADDINOL GETRIEBEÖL GX 80 W 90
 AVISTA PEER EVO GL5 SAE 80W-90
 AVISTA PEER EVO GL5 SAE 85W-90
 SPAREX EP 90 GL-5
 SPAREX EP 90 GL-5
 SPAREX EP 80W-90 GL-5
 EMGARD HP 75W-90
 TECTROL MULTIGEAR HYP 90
 BELGIN LUBEX MITRAS AX SYN ULTRA 75W-90
 BELGIN LUBEX MITRAS AX EP MD 80W-90
 VOLCA SGP 75W90
 CASTROL AXLE EPX 90
 CASTROL AXLE EPX 80W-90
 CASTROL AXLE EPX 80W-90
 CASTROL TRANSMAX AXLE LONG LIFE 75W-90
 CASTROL TRANSMAX UNIVERSAL LL 75W-90
 CASTROL TRANSMAX AXLE EPX 80W-90
 CASTROL TRANSMAX AXLE EPX 85W-90
 CASTROL AXLE EPX 80W-90
 CASTROL TRANSMAX AXLE LONG DRAIN 80W-90
 CASTROL SAF-XO 75W-90
 CEPSA TRANSMISIONES EP 80W-90
 CEPSA TRANSMISIONES EP FE+LD 75W-90
 CEPSA TRANSMISIONES EP 90
 MAN SUPER AXLE 3343 75W-90
 MAN SUPER AXLE 342-M2
 CHAMPION OEM SPECIFIC 75W90 GL 5
 HYPOID LD SAE 85W-90
 MULTIGEAR EP SAE 90
 MULTIGEAR EP-5 SAE 80W-90
 DELO GEAR EP-5 SAE 80W-90
 GEARTEX EP-5 85W-90
 GEARTEX EP-5 80W-90
 DELO SYN-TDL 75W-90
 DELO GEAR CGA SAE 80W-90
 AGRISHIFT MT 80W-90
 AGRISHIFT MT 80W-90
 GEAR TXS 75W90
 GEAR EP GL-5 80W-90
 TOR SUPER GEAR OIL 80W90
 TOR UNI GEAR LD 75W90
 AVENO TDL ULTIMATE 75W-90
 EKO GEAROL-5 80W-90
 MULTIHIPPO 75W-90 SINT
 MULTIHIPPO PLUS 80W-90
 ENI ROTRA MP 80W-90
 ENI ROTRA LSX 75W-90
 ENI ROTRA MP 75W-90
 MOBILUBE 1 SHC 75W-90
 MOBILUBE HD-A PLUS 80W-90
 MOBILUBE HD-A 85W-90
 MOBIL DELVAC 1 GEAR OIL 75W-90
 MOBIL DELVAC ULTRA TOTAL DRIVELINE 75W-90
 MOBIL DELVAC MODERN AXLE OIL 80W-90 V1
 MOBIL DELVAC MODERN AXLE OIL 80W-90 V1
 MOBIL DELVAC MODERN AXLE OIL 80W-90 HDA
 AVIATICON FINKOGEAR PREMIUM 75W-90
 FUCHS TITAN CYTRAC HSY SAE 75W-90
 FUCHS TITAN GEAR HYP LD SAE 80W-90
 FUCHS TITAN SUPERGEAR SAE 80W-90
 FUCHS TITAN GEAR HYP SAE 90
 FUCHS TITAN CYTRAC RR SAE 75W-90
 GEARWAY S5 75W-90
 GEARWAY G5 80W-90
 PENTOSIN GETRIEBEÖL O-226 80W-90
 PENTOSIN G5 85W-90
 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
 TITAN SUPERGEAR PLUS SAE 80W-90
 OEST SYNTH GETRIEBEÖL SAE 75W-90
 OEST MEHRZWECK-GETRIEBEÖL SPEZIAL SAE 85W-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 HD 85W-90
 GULF GEAR LD 80W-90
 FASTROL MTF5 80W-90
 LONGEVIA TC ECO 80W-90
 LONGEVIA TCX ECO 75W-90

Numéro de validation**ZF**

ZF000555
 ZF000671
 ZF002260
 ZF003620
 ZF004777
 ZF004793
 ZF001693
 ZF002316
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 ZF003553
 ZF000863
 ZF000879
 ZF000886
 ZF000887
 ZF001151
 ZF001950
 ZF003435
 ZF008379
 ZF008392

Fabricant (17B)

HUILES BERLIET S.A., SAINT-PIERRE/FR
 IGOL FRANCE, AMIENS/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
 LAEMMLE CHEMICALS AG, MADETSWIL/CH
 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
 LUKOIL LUBRICANTS EUROPE GMBH, VIENNA/AT
 LUKOIL LUBRICANTS EUROPE GMBH, VIENNA/AT
 LUKOIL LUBRICANTS EUROPE GMBH, VIENNA/AT
 MEGUIN GMBH & CO. KG, SAARLOUIS/DE
 MEGUIN GMBH & CO. KG, SAARLOUIS/DE
 MEGUIN GMBH & CO. KG, SAARLOUIS/DE
 MOL-LUB KFT, ALMASFUZITO/HU
 MOL-LUB KFT, ALMASFUZITO/HU
 MOL-LUB KFT, ALMASFUZITO/HU
 MOOVE LUBRICANTS, GRAVESEND/GB
 MOOVE LUBRICANTS, GRAVESEND/GB
 MOTOREX AG, LANGENTHAL/CH
 MOTOREX AG, LANGENTHAL/CH
 MOTOREX AG, LANGENTHAL/CH
 MOTOREX AG, LANGENTHAL/CH
 MOTOREX AG, LANGENTHAL/CH
 MOTOREX AG, LANGENTHAL/CH
 MOTOREX AG, LANGENTHAL/CH
 MOTUL SA, AUBERVILLIERS/FR
 OEL-BRACK AG, HUNZENSCHWIL/CH
 OILFINO MINERALÖL GMBH, PRISDORF/DE
 ORLEN OIL SP. Z O.O., KRAKOW/PL
 ORLEN OIL SP. Z O.O., KRAKOW/PL
 ORLEN S.A., GDANSK/PL
 ORLEN S.A., GDANSK/PL
 ORLEN S.A., GDANSK/PL
 OY TEBOIL AB, HELSINKI/FI
 PAKELO MOTOR OIL S.P.A. A S.U., SAN BONIFACIO (VR)/IT
 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
 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
 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
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 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
 RAVENSBERGER SCHMIERSTOFFVERTRIEB GMBH, WERTHER/DE
 RAVENSBERGER SCHMIERSTOFFVERTRIEB GMBH, WERTHER/DE
 RAVENSBERGER SCHMIERSTOFFVERTRIEB GMBH, WERTHER/DE
 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
 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
 REPSOL LUBRICANTES Y ESPECIALIDADES, S.A, MADRID/ES
 REPSOL LUBRICANTES Y ESPECIALIDADES, S.A, MADRID/ES
 ROLF LUBRICANTS GMBH, LEVERKUSEN/DE
 ROLF LUBRICANTS GMBH, LEVERKUSEN/DE
 S.I.R.A.L., NOLA NAPOLI/IT
 SASOL ENERGY, JOHANNESBURG/ZA

Désignation produit (17B)

LONGEVIA HD 80W-90
 SYNTHEGEAR 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
 ROXOR SUPER DUTY SYNTH 75W-90
 LIEBHERR GEAR HYPOID 90 EP
 LIEBHERR SYNTOGEAR PLUS 75W-90
 LIQUI MOLY HYPOID-GETRIEBEÖL GL5 SAE 85W-90
 LIQUI MOLY VOLLSYN. HYPOID GETR.ÖL TRUCK (75W-90)
 LIQUI MOLY HYPOID-GETRIEBEÖL GL5 SAE 80W-90
 LUKOIL TRANSMISSION SYNTH BSX 75W-90
 LUKOIL TRANSMISSION B 85W-90
 LUKOIL TRANSMISSION LD 80W-90
 MEGOL HYPOID-GETRIEBEOEL GL 5 SAE 85W-90
 MEGOL GETRIEBEOEL TRUCK-SYNTH SAE 75W-90
 MEGOL HYPOID-GETRIEBEOEL GL 5 SAE 80W-90
 MOL HYKOMOL K 85W90
 MOL HYKOMOL ZF 80W90
 MOL HYKOMOL TDL 75W90
 COMMA PRO EP 80W-90
 COMMA PRO EP 75W-90 TDL
 YORK 896 75W90
 YORK 793 SAE 80W90
 MOTOREX YORK GEAR OIL HYPOID SAE80W/90
 MOTOREX YORK PENTA TL SAE 75W/90
 MOTOREX YORK UNIVERSAL SAE 80W90
 MOTOREX_YORK UNIVERSAL CT SAE 80W/90
 MOTOREX YORK UNISYNT ZX SAE 75W90
 MOTUL GEAR SYNTH TDL 75W-90
 MIDLAND SENSOGEAR 75W-90
 OILFINO VARIUS G 500 80W-90
 PLATINUM GEAR GL-5 80W-90
 ORLEN OIL GEAR GL-5 80W-90
 TITANIS SUPER GL-5 75W/90
 LOTOS TITANIS GL-5 80W-90
 LOTOS TITANIS GL-5 80W-90
 TEBOIL HYPOID SAE 75W-90
 GLOBAL MULTIGEAR TS SAE 75W/90
 PAZ GEAR LD 80W-90
 TRAXON 80W-90
 TRAXON SYNTHETIC 75W-90
 TRAXON 80W-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)
 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
 RAVENOL HYPOID EPX GETR.-OEL 80W-90 GL5
 RAVENOL SLG SAE 80W-90
 RAVENOL GEAR SUPER SYNTH GSS SAE 75W-90
 RAVENOL GEAR TRANS SYNTH GTS SAE 75W-90
 REPSOL CARTAGO EP SAE 90
 REPSOL CARTAGO FE LD 75W90
 REPSOL CARTAGO EP MULTIGRADO SAE 80W90
 REPSOL CARTAGO LD 80W90
 REPSOL NAVIGATOR FE LL 75W-90
 REPSOL NAVIGATOR LL 80W-90
 REPSOL NAVIGATOR HQ GL-5 80W-90
 REPSOL NAVIGATOR HQ GL-5 SAE 90
 ROLF TRANSMISSION S9 AGE 75W-90
 ROLF TRANSMISSION M5 A 80W-90
 TRANSMISSION 80W-90 GL5
 SYN GEAR DIFFERENTIAL OIL 75W-90

Numéro de validation ZF

ZF008396
 ZF008361
 ZF000416
 ZF000417
 ZF000977
 ZF000179
 ZF002110
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 ZF003681
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 ZF006100
 ZF000702

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
 BAYWA AG MÜNCHEN, MÜNCHEN/DE
 BAYWA AG MÜNCHEN, MÜNCHEN/DE
 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
 ELLIS ENTERPRISES EAST D.O.O. KRUSEVAC, KRUŠEVAC/RS
 ENI SUSTAINABLE MOBILITY S.P.A., ROME/IT
 EXXONMOBIL CORPORATION, HOUSTON, TX/US
 EXXONMOBIL CORPORATION, HOUSTON, TX/US
 EXXONMOBIL CORPORATION, HOUSTON, TX/US
 FUCHS PETROLUB SE, MANNHEIM/DE
 FUCHS PETROLUB SE, MANNHEIM/DE
 HILL CORPORATION, SHYMKENT/KZ
 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
 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
 MOTOREX AG, LANGENTHAL/CH
 ORLEN OIL SP. Z O.O., KRAKOW/PL
 ORLEN S.A., GDANSK/PL
 OY TEBOIL AB, HELSINKI/FI
 PAKELO MOTOR OIL S.P.A. A S.U., SAN BONIFACIO (VR)/IT
 PAKELO MOTOR OIL S.P.A. A S.U., SAN BONIFACIO (VR)/IT
 PETRO-CANADA LUBRICANTS INC., MISSISSAUGA, ONTARIO/CA
 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
 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
 TALENERGIES LUBRIFIANTS, NANTERRE/FR
 TALENERGIES LUBRIFIANTS, NANTERRE/FR
 TALENERGIES LUBRIFIANTS, NANTERRE/FR
 TALENERGIES LUBRIFIANTS, NANTERRE/FR
 VALVOLINE GLOBAL PRODUCTS, LEXINGTON/US
 VIBRA ENERGIA S.A., DUQUE DE CAXIAS/BR
 ZELLER+GMELIN GMBH&CO.KG, EISLINGEN/DE
 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 PEER EVO ATF 3000
 AVISTA PEER EVO ATF 2000
 TECTROL ATF 3000
 TECTROL ATF 4000
 CEPESA ATF 3000 S
 CEPESA ATF 2000S
 TEXAMATIC 4291
 DELO SYN ATF HD
 HAVOLINE MULTI-VEHICLE ATF
 ATF ALLPOWER MULTIVEHICULOS
 VALVOLINE HEAVY DUTY ATF D-II
 ENI ROTRA ATF II E
 MOBIL ATF 320
 MOBIL ATF LT 71141
 MOBIL ATF 320
 FUCHS TITAN ATF 5005
 FUCHS TITAN ATF 1
 FASTROIL ATF 3
 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
 MOTOREX YORK ATF TP
 HIPOL ATF II E
 LOTOS ATF SUPER III G
 TEBOIL FLUID E
 AUXON II E
 ATF XT III FLUID
 DURADRIVE HD SYNTHETIC BLEND ATF
 GALP TRANSMATIC D III
 ATF DX-3
 TUTELA TRANSMISSION GI/E
 PETRONAS TUTELA ATF 500 HD
 PETRONAS TUTELA ATF 500 HD
 REPSOL MATIC III
 REPSOL AUTOMATOR ATF III
 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
 FLUIDMATIC D2
 ELFMATIC D2
 FLUIDMATIC D2
 ELFMATIC D2
 SYN GARD™ ATF ES
 LUBRAX ATF HD
 DIVINOL ATF SPEZIAL R
 ZF LIFEGUARDFLUID 5

Numéro de validation

ZF
 ZF004823
 ZF000698
 ZF003702
 ZF004910
 ZF004774
 ZF004775
 ZF004798
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 ZF000386
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 ZF006067
 ZF006068
 ZF006069
 ZF010594
 ZF003710
 ZF002120
 ZF009444
 ZF001363

Classe des lubrifiants 17E

Huile universelle pour essieux et boîtes de vitesses

Fabricant (17E)

ADDINOL LUBE OIL GMBH, LEUNA/DE
 ADDINOL LUBE OIL GMBH, LEUNA/DE
 ARGO TRACTORS S.P.A., FABBRICO RE/IT
 ARGO TRACTORS S.P.A., FABBRICO RE/IT
 ARGO TRACTORS S.P.A., FABBRICO RE/IT
 AVIA AG, MÜNCHEN/DE
 AVIA AG, MÜNCHEN/DE
 BAYWA AG MÜNCHEN, MÜNCHEN/DE
 BAYWA AG MÜNCHEN, MÜNCHEN/DE
 BLASER SWISSLUBE AG, HASLE-RÜEGSAU/CH
 BP PLC., LONDON/GB
 CASTROL LTD, LONDON/GB
 CASTROL LTD, LONDON/GB
 CASTROL LTD, LONDON/GB
 CASTROL LTD, LONDON/GB
 CATERPILLAR, INC., MOSSVILLE/US
 CEPSA COMERCIAL PETRÓLEO S.A.U., MADRID/ES
 CLASS KGAA MBH, HARSEWINKEL/DE
 DEUTSCHE ÖLWERKE LUBMIN, LUBMIN/DE
 ENEOS CORPORATION, TOKYO/JP
 EUROL B.V., NJIVERDAL/NL
 EXXONMOBIL CORPORATION, HOUSTON, TX/US
 EXXONMOBIL CORPORATION, HOUSTON, TX/US
 EXXONMOBIL CORPORATION, HOUSTON, TX/US
 EXXONMOBIL CORPORATION, HOUSTON, TX/US
 EXXONMOBIL CORPORATION, HOUSTON, TX/US
 EXXONMOBIL CORPORATION, HOUSTON, TX/US
 EXXONMOBIL CORPORATION, HOUSTON, TX/US
 EXXONMOBIL CORPORATION, HOUSTON, TX/US
 EXXONMOBIL CORPORATION, HOUSTON, TX/US
 FINKE MINERALÖLWERK GMBH, 27374 VISSLHÖVEDE/DE
 FUCHS PETROLUB SE, MANNHEIM/DE
 FUCHS PETROLUB SE, MANNHEIM/DE
 FUCHS PETROLUB SE, MANNHEIM/DE
 FUCHS PETROLUB SE, MANNHEIM/DE
 GB LUBRICANTS, GATESHEAD/GB
 GS CALTEX CORPORATION, SEOUL/KR
 GULF OIL INTERNATIONAL, MUMBAI/IN
 GULF OIL INTERNATIONAL, MUMBAI/IN
 HINDUSTAN PETROLEUM CORPORATION LTD., MUMBAI/IN
 HUILES BERLIET S.A., SAINT-PRIEST/FR
 HYUNDAI OILBANK CO., LTD., SEOUL/KR
 INA MAZIVA LTD., ZAGREB/HR
 INA MAZIVA LTD., ZAGREB/HR
 INA MAZIVA LTD., ZAGREB/HR
 JOHN DEERE, MOLINE, ILLINOIS/US
 KROON-OIL B.V., ALMELO/NL
 KUWAIT PETROLEUM INTERNATIONAL LUBRICANT, ANTWERP/NL
 KUWAIT PETROLEUM INTERNATIONAL LUBRICANT, ANTWERP/NL
 KUWAIT PETROLEUM INTERNATIONAL LUBRICANT, ANTWERP/NL
 KUWAIT PETROLEUM INTERNATIONAL LUBRICANT, ANTWERP/NL
 KUWAIT PETROLEUM INTERNATIONAL LUBRICANT, ANTWERP/NL
 LAEMMLE CHEMICALS AG, MADETSWIL/CH
 LIEBHERR HYDRAULIKBAGGER GMBH, KIRCHDORF/DE
 LIEBHERR HYDRAULIKBAGGER GMBH, KIRCHDORF/DE
 LIEBHERR HYDRAULIKBAGGER GMBH, KIRCHDORF/DE
 LIEBHERR HYDRAULIKBAGGER GMBH, KIRCHDORF/DE
 LIQUI MOLY GMBH, ULM/DE
 MEGUIN GMBH & CO. KG, SAARLOUIS/DE
 MEGUIN GMBH & CO. KG, SAARLOUIS/DE
 MOTOREX AG, LANGENTHAL/CH
 MOTOREX AG, LANGENTHAL/CH
 MOTOREX AG, LANGENTHAL/CH
 PAKELO MOTOR OIL S.P.A. A S.U., SAN BONIFACIO (VR)/IT
 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
 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
 PETRONAS LUBRICANTS INTERNATIONAL SDN BH, KUALA LUMPUR/MY
 PETRONAS LUBRICANTS INTERNATIONAL SDN BH, KUALA LUMPUR/MY
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 PETRONAS LUBRICANTS INTERNATIONAL SDN BH, KUALA LUMPUR/MY
 PETRONAS LUBRICANTS INTERNATIONAL SDN BH, KUALA LUMPUR/MY
 PETRONAS LUBRICANTS INTERNATIONAL SDN BH, KUALA LUMPUR/MY
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 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

Désignation produit (17E)

ADDINOL UTTO SAE 10W-30
 ADDINOL UTTO EXTRA (SAE 20W-40)
 VELA C+ LANDINI
 VELA C+ MCCORMICK
 VELA C+ AGROLUBE
 AVIA HYDROFLUID TD
 AVIA HYDROFLUID DLZ
 TECTROL UTTO-ZF
 TECTROL UTTO-HF
 EVOLCA UTTO 8068
 BP TRACTRAN TF-10
 CASTROL AGRI TRANS PLUS 80W
 CASTROL TRANSMAX AGRI TRANS PLUS 80W
 CASTROL AGRI TRANS PLUS 80W
 CASTROL TRANSMAX AGRI TRANS PLUS 80W
 CAT MULTIPURPOSE TRACTOR OIL
 CEPSA AURIGA TE 55 10W-30
 CLAAS AGRISHIFT GA 12
 AVENO UTTO
 KUBOTA UDT-HD
 EUROL HYKROL JD 68
 MOBILFLUID 424
 MOBILFLUID 424
 MOBIL HYDRAUL 56
 MOBILFLUID 424
 MOBILFLUID 428
 MOBILFLUID 428
 MOBILFLUID 428
 MOBILFLUID 424
 AVIATICON AGRA PREMIUM UTTO
 FUCHS TITAN UTTO ZF (SAE 20W-40)
 FUCHS TITAN AGRIFARM UTTO MP
 FUCHS TITAN AGRIFARM UTTO MP
 TITAN UTTO WB
 GB UNITRANS(R) ZF
 DOOSAN AXLE OIL STANDARD
 GULF MPTF 10W-30
 GULF MPTF 10W-30
 HP SUPERTRAN FM
 EPMF
 XTEER THF 75W-80
 INA TRANSHIDROL JD 50
 INA TRANSHIDROL ZF 20W-40
 INA TRANSHIDROL JD 50
 JOHN DEERE HY-GARD
 AGRIFLUID HT-PLUS
 Q8 T 2000
 JCB HP GEAR OIL PLUS
 JCB HP GEAR OIL PLUS
 JCB HP GEAR OIL PLUS
 Q8 T 2200
 ROXOR CONSTAR UTTO 803
 LIEBHERR GEAR MF 80W
 LIEBHERR GEAR MF 80W
 LIEBHERR GEAR PLUS 20W-40
 LIEBHERR GEAR PLUS 20W-40
 LIQUI MOLY SPECIAL UTTO
 MEGOL TRAKTORENOEL UTTO PREMIUM SAE 10W-30
 MEGOL TRAKTORENOEL UTTO
 MOTOREX YORK FARMER POLY 604
 MOTOREX YORK FARMER POLY 304
 MOTOREX YORK UTTO CF SAE 10W30
 UTTO FLUID 4 D SAE 10W-30
 GALP TRALUB 807 S
 MAXITRAK TMS OIL 500
 AMBRA MULTI G (SAE 10W-30)
 AMBRA MULTI G (SAE 10W-30)
 AMBRA MULTI G (SAE 10W-30)
 AMBRA TRX 20W-40 (SAE 20W-40)
 AKCELA TRANSAXLE FLUID 20W-40 (SAE 20W-40)
 AKCELA TRANSAXLE FLUID 20W-40
 AMBRA MULTI G (SAE 10W-30)
 ARBOR MTF (SAE 10W-30)
 AKCELA NEXPLORE (SAE 10W-30)
 AKCELA NEXPLORE (SAE 10W-30)
 AMBRA MULTI G (SAE 10W-30)
 AKCELA NEXPLORE (SAE 10W-30)
 ARBOR MTF (SAE 10W-30)
 AMBRA TRX 20W-40 (SAE 20W-40)
 AKCELA TRANSAXLE FLUID 20W-40 (SAE 20W-40)
 AMBRA MULTI G (SAE 10W-30)
 PETRONAS AKCELA NEXPLORE (SAE 10W-30)
 PETRONAS TUTELA TRANSAXLE FLUID 20W-40
 PETRONAS TUTELA TRANSAXLE FLUID 20W-40
 GEAR OIL UTTO SILVER 10W-30

Numéro de validation ZF

ZF000509
 ZF001845
 ZF003717
 ZF003718
 ZF003719
 ZF001811
 ZF005975
 ZF001161
 ZF002193
 ZF004739
 ZF000897
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 ZF000040
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 ZF002152
 ZF003443
 ZF004830
 ZF009459
 ZF010264
 ZF000958

Fabricant (17E)

RAVENSBERGER SCHMIERSTOFFVERTRIEB GMBH, WERTHER/DE
 RAVENSBERGER SCHMIERSTOFFVERTRIEB GMBH, WERTHER/DE
 REPSOL LUBRICANTES Y ESPECIALIDADES, S.A, MADRID/ES
 SAME DEUTZ FAHR, TREVIGLIO/IT
 SAME DEUTZ FAHR, TREVIGLIO/IT
 SASOL ENERGY, JOHANNESBURG/ZA
 SASOL ENERGY, JOHANNESBURG/ZA
 SAVITA OIL TECHNOLOGIES LIMITED, MUMBAI/IN
 SENNEBOGEN MASCHINENFABRIK GMBH, STEINACH/DE
 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
 SINENG PETROCHEMICAL CO.,LTD., LIUZHOU, GUANGXI/CN
 SINOPEC LUBRICANT CO., LTD., BEIJING/CN
 SINOPEC LUBRICANT CO., LTD., BEIJING/CN
 SK ENMOVE CO.,LTD., SEOUL/KR
 SRS SCHMIERSTOFF VERTRIEB GMBH, SALZBERGEN/DE
 TOTALENERGIES LUBRIFIANTS, NANTERRE/FR
 TOTALENERGIES LUBRIFIANTS, NANTERRE/FR
 TOTALENERGIES LUBRIFIANTS, NANTERRE/FR
 TOTALENERGIES LUBRIFIANTS, NANTERRE/FR
 TOTALENERGIES LUBRIFIANTS, NANTERRE/FR
 TOTALENERGIES LUBRIFIANTS, NANTERRE/FR
 UNIL OPAL, SAUMUR/FR
 UNIL OPAL, SAUMUR/FR
 VALVOLINE EUROPE, DORDRECHT/NL
 VALVOLINE EUROPE, DORDRECHT/NL
 VIBRA ENERGIA S.A., DUQUE DE CAXIAS/BR
 VIBRA ENERGIA S.A., DUQUE DE CAXIAS/BR
 WOLF OIL CORPORATION N.V., HEMIKSEM/BE

Désignation produit (17E)

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

Numéro de validation

ZF
 ZF001718
 ZF008204
 ZF003445
 ZF002229
 ZF002230
 ZF000707
 ZF001828
 ZF001131
 ZF008341
 ZF000357
 ZF000358
 ZF000359
 ZF001295
 ZF001613
 ZF003325
 ZF005938
 ZF008286
 ZF001959
 ZF000105
 ZF004916
 ZF003380
 ZF004867
 ZF000540
 ZF001317
 ZF001346
 ZF001539
 ZF002222
 ZF008262
 ZF003565
 ZF009470
 ZF002041
 ZF003473
 ZF001366
 ZF010660
 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
 AVISTA OIL DEUTSCHLAND GMBH, UETZE/DE
 AVISTA OIL DEUTSCHLAND GMBH, UETZE/DE
 BAYWA AG MÜNCHEN, MÜNCHEN/DE
 BLASER SWISSLUBE AG, HASLE-RÜEGSAU/CH
 CASTROL LTD, LONDON/GB
 CHEVRON LUBRICANTS, SAN RAMON, CA/US
 ELLIS ENTERPRISES EAST D.O.O. KRUSEVAC, KRUŠEVAC/RS
 EXXONMOBIL CORPORATION, HOUSTON, TX/US
 FINKE MINERALÖLWERK GMBH, 27374 VISSLHÖVEDE/DE
 FUCHS PETROLUB SE, MANNHEIM/DE
 GEORG OEST MINERALÖLWERK GMBH & CO.KG, FREUDENSTADT/DE
 GULF OIL INTERNATIONAL, MUMBAI/IN
 INA MAZIVA LTD., ZAGREB/HR
 KUWAIT PETROLEUM INTERNATIONAL LUBRICANT, ANTWERP/NL
 LAEMMLE CHEMICALS AG, MADETSWIL/CH
 LIQUI MOLY GMBH, ULM/DE
 MEGUIN GMBH & CO. KG, SAARLOUIS/DE
 MOTOREX AG, LANGENTHAL/CH
 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
 ORLEN S.A., GDANSK/PL
 OY TEBOIL AB, HELSINKI/FI
 SHELL INTERNATIONAL PETROLEUM COMP. LTD, LONDON/GB
 SINOPEC LUBRICANT CO., LTD., BEIJING/CN
 SRS SCHMIERSTOFF VERTRIEB GMBH, SALZBERGEN/DE
 TOTALENERGIES LUBRIFIANTS, NANTERRE/FR
 ZF FRIEDRICHSHAFEN AG, FRIEDRICHSHAFEN/DE

Désignation produit (17H)

ADDINOL GETRIEBEÖL GX 80W-90 ML
 AVISTA PEER EVO GL4/GL5 SAE 80W-90
 AVISTA PEER EVO PRIME GL4/GL5 SAE 80W-90
 TECTROL MULTIGEAR PLUS 8090
 EVOLCA BGP 80W90
 CASTROL TRANSMAX UNIVERSAL LL 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
 OEST GETRIEBEÖL FE SAE 80W-90 GL4/5
 GULF GEAR TDL 80W-90
 INA HIPENOL TDL 80W-90
 Q8 GEAR OIL XG SAE 80W-90
 ROXOR TOPGEAR 80W-90
 LIQUI MOLY HYPOID GETRIEBEÖL TDL SAE 80W-90
 MEGOL HYPOID-GETRIEBEOEL TDL 80W-90
 MOTOREX YORK GEAR ZX TP SAE 80W/90
 OTOKAR SPECTRA DO Z 80W-90
 PLATINUM GEAR LL 80W-90
 ORLEN OIL GEAR LL 80W-90
 TITANIS SUPER GL-5 80W-90
 TEBOIL HYPOID SAE 80W-90
 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
 ZF004780
 ZF004797
 ZF001160
 ZF004735
 ZF002143
 ZF002273
 ZF001456
 ZF000776
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 ZF001183
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 ZF004755
 ZF000311
 ZF011188
 ZF001098
 ZF001970
 ZF001292
 ZF003332
 ZF000447
 ZF004817
 ZF001266

Classe des lubrifiants 17K

Pâtes pour liaison pignon d'entraînement-arbre moteur

Fabricant	Désignation produit
Castrol	Molub-Alloy Paste White T
DuPont	MOLYKOTE® G-N PLUS Solid Lubricant Paste
DuPont	MOLYKOTE® Cu-7439 Plus Paste V1 *)

*) de préférence