













SUBSTITUTION CHART FOR COMMERCIAL VEHICLES

	 HEXOL	 ENI	 MOL	 LUKOIL	 TOTAL	 SHELL	 MOBIL	 FUCHS	 MEISTERTEILE	 MANNOL
Product	HEXOL Synline UltraTruck 10W40	i-Sigma TOP MS 10W-40	Dynamic Mistral 10W-40	Truck Blue ET 10W-40	Rubia TIR 8900 10W-40	Rimula R6 LM 10W-40	Delvac XHP LE 10W-40	Titan Cargo Max 10W-40	MT-Truck 10W-40 LS Plus	UHPD TS-7 Blue
Specification	API CJ-4/SM, CI-4 and SN, ACEA E9-12, E7-12; MAN M 3575, Volvo VDS-4 and VDS-3, Renault RLD-3 and RLD-2, Caterpillar ECF-1a, ECF-2 and ECF-3, MACK EO-O Premium plus, Deutz DQC III-10LA, MTU Type 2.1, DDC 93K218, and Cummins CES20081	API CI-4, ACEA E6,E7, E9, MB-Approval 228.51, MAN M 3477, 3271-1, MTU Type 3.1, VOLVO VDS-3, Renault RXD, Scania Low Ash, Deutz DQC III-05	ACEA E4,E6,E7, MB 228.51, MAN M 3277+CRT, MAN M3477, Volvo VDS-3, Renault RXD, MTU Type 3, MTU MTL 5044	ACEA E4,E6, E7,E9, API CI-4, MB 226.9/228.51, MAN 3271-1, 3477, DAF HP-2, Renault RXD/RGD, Scania LA, Volvo VDS-3, Tatra TDS 30/12, DEUTZ DQC IV-10LA, Caterpillar ECF-1a, VOLVO CNG, MTU MTL 5044	ACEA E4,E6,E7, API CI-4, MB 226.8/228.51, MAN M3477/M3277-CRT, Renault RLD-2, Volvo VDS-3, JASO DH-2	API CI-4,/CH-4/CG-4/CF-4, CF, ACEA E6,E7, MB-Approval 228.51, 226.9, MAN M 3477/3271-1, MTU Type 3.1, VOLVO VDS-3/CNG, Renault RLD-2, JASO DH-2, Deutz DQC IV-10LA, Mack EO-N, Cummins CES 20071/72/77, CAT ECF-1-A	API CI-4,/CH-4/CG-4/CF-4, CF, ACEA E6,E7, MB-Approval 228.51/228.5, MAN M 3477/3271-1	ACEA E9 / E7 / E6, API CI-4, Caterpillar ECF-1-a, Deutz DQC IV-10 LA, Jaso DH-2, Mack EO-M Plus/EO-N, MAN M 3477, M 3271-1, MB 228.51/MB 235.28, MTU DDC Type 3.1, Renault RXD/RGD/RLD-2, Scania LA, Voith-Retarder "B", Volvo VFS.3/CNG	ACEA E9 , API CI-4, CJ-4, SM, SN, MAN M 3575, MB 228.31, Volvo VDS-4, Cummins CES 20081, DDC 93K218	ACEA E4/E6/E7/E9, API CJ-4, MB 228.31/228.51; MAN M3477, M3575 and M3271-1, MTU category 3.1; Volvo VDS-4; Caterpillar ECF-3, Cummins CES 20081; Mack EO-O Premium Plus and EO-N Premium Plus, Renault RLD-2/RLD-3; DQC IV-10 LA; Detroit Diesel 93K218
Product	HEXOL Synline SuperTruck 10w40	i-Sigma Universal 10W-40	Dynamic Transit 10W-40	Eco truck Extra	Rubia Polytrafic 10W-40	Rimula R5 E 10W-40	Delvac MX Extra 10W-40	Titan Cargo MC 10W-40	MT-Truck 10W-40	UHPD TS-5
Specification	API CI-4/SL, ACEA E7-08; ACEA A3/B4-04/MB-28.3/229.1/235.28, MAN M 3275-1, Volvo VDS-3, Renault RLD-2, DAF HP-1/HP-2, Deutz DQC III-10, MTU Type 2, Caterpillar ECF-1 ECF-2, Cummins CES 20076/CES 20077, CES 20078, Mack EOM-Plus, ZF TE-ML7C, Allison C-4;	ACEA E7,A3,B3,B4, API CI-4, MB-Approval 228.3, 229.1, MAN M 3275, MTU type 2, VOLVO VDS-3, Renault RLD-2, JASO DH-1, GLOBAL DHD-1, Cummins 20077/20078, Mack EO-M Plus, Allison C4 szint	ACEA E4,E7, API CI-4, CF, MB 228.5, MAN 3277, Volvo VDS-3, Scania LDF-2, Renault RLD-2, Renault RXD	ACEA A3/B4/E3/E5/E7, API CI-4/SL, DAF HP-2, MAN 3275, MB 228.3, Renault RLD-2, Volvo VDS-3, CAT ECF-2, DEUTZ DQC III-10, GLOBAL DHD-1,IVECO (Cursor, Tector), MACK EO-M Plus, TATRA 30/12, VW 500.00/505.00, ZF TE-ML 03A, 07C/D, MTU MTL 5044, Cummins CES 20076/77/78	ACEA A3/B4/E5/E7, API CI-4/CH-4/SL, DAF HP-2, MAN 3275, MB 228.3/229.1, Renault RLD-2, Volvo VDS-3, Mack EOM Plus, Cummins CES 20071/72/77/78	API: CI-4, CH-4, CG-4, CF-4; ACEA: E7, E5, E3; Global: DHD-1; Cummins: CES 20078, 77, 76, 72, 71; Mack: EO-M, EO-M+; MAN: 3275; MB Approval: 228.3; Renault Trucks: RLD-2; Volvo: VDS-3.	ACEA E7/E5/E3/B4/B3/A2, API CI-4, CH-4, CG-4, CF-4, CF, SL, SJ, MB 228.3/229.1, MAN M3275, Volvo VDS-3/VDS-2, MACK EO-M Plus, Renault RLD, MTU Type 1, Cummins CES 20071/72/76/77/78, Detroit Diesel 75E 270	ACEA E4/E7, API CI-4, MAN 3277, MB 228.5, Renault RXD, RLD-2, Volvo VDS-3, DEUTZ DQC III-10, MACK EO-M Plus, MTU DDC Type 3, Cummins CES 20077/78	ACEA E3/E5/E7, A3/B4, API CI-4, MAN 3275, MB 228.3/229.1, Renault RLD-2, Volvo VDS-3, MACK EO-M Plus, MTU Type 2, Cummins CES 20077/78, Allison C-4, SSC 93K215, Global DHD-1, Jaso DH-1	ACEA E7/A3/B4, API CI-4/CH-4/CG-4/CF-4/SL; MB 228.3/229.1; MAN 3275; Volvo VDS-3; Cummins CES 20078; Mack EO-N; Renault VI RLD-2; Detroit Diesel 93K215; Deutz DQC-III-05
Product	HEXOL SuperTruck 15w40	i-Sigma performance E7 15W-40	Dynamic Transit 15W-40	Truck LD 15W-40	Rubia TIR 7400 15W-40	Rimula R4 15W-40	Delvac MX 15W-40	Titan Truck Plus 15W-40	MT-Truck 15W-40 SHPD	SHPD TS-4 Extra
Specification	API CI-4/SL, ACEA E7-08, ACEA A3/B4-04; Volvo VDS-3 TEDOM 258-3, Tatra TDS 40/16, MAN 3275-1, MB 228.3/229.1/235.28, VOLVO VDS-3, RENAULT VI RLD/RLD2, DAF, MACK EO-Mplus, JOHN DEERE 6020, 6120, 6220, 6320, 6420, 6420S, CATERPILLAR CAT ECF-1 ECF-2, AVIA DDC 93K215 Cummins CES 20077-20078,	API CI-4, CH-4/SL, ACEA E5,E7,E3, B3, SHPD, MB-Approval 228.3, MTU Type 2, MAN M 3275, VOLVO VDS-3, Cummins 20078, Deutz DQC III-05	ACEA E7/E3,B4, API CI-4/CF/SL, MB 228.3, 229.1, Volvo VDS-3, MAN M3275, Renault RLD-2, Caterpillar ECF-1, ECF-2, Avia, ZF TE-ML 07C, Zetor	ACEA E3/E5/E7/B3/B4/A3, API CI-4/SJ, VW 505.01/505.00, Volvo VDS-3, MAN 3275, Global DHD-1, Fendt, Allison C4, Renault RLD, ZF TE-ML 03A,07CD, MTU MTL 5044, Skoda-LIAZ 258-3, Tatra TDS 30/12, Cummins CES 20076/77/78	ACEA E5/E7, API CI-4/SL, Volvo VDS-2, MB 228.3, MAN M3275, Global DHD-1, Renault RLD-2, Cummins CES 20071/72/76/77/78, MTU Type 2, Mack EOM	API CI-4, CG-4, CF-4, CF; ACEA E7, E5; Global DHD-1, Cummins CES 20071, 72, 76, 77, 78; Cat ECF-1-A; DDC 93K215; Mack EO-M, EO-M+; MAN 3275; MB Approval 228.3; Renault Trucks RLD-2; Volvo VDS-3	API CI-4/CH-4, CF, SL, SJ, ACEA E7, MB 228.3, MAN M3275, Volvo VDS-3/VDS-2, MACK EO-M Plus, Renault RLD, CAT ECF-2, MTU Type 1, Cummins CES 20076/77/78	API CI-4/ SL, ACEA E7, MB 228.3, MAN M3275-1, Volvo VDS-3, MACK EO-N, Renault RLD/RLD-2, CAT ECF-1/ECF-2, MTU Type 1, Cummins CES 20076/77/78, Detroit Diesel 93K215	API CI-4/CF/SM, ACEA E3/E5/E7, A3/B4, MB 228.3, MAN M3275, Volvo VDS-3, MACK EO-N/ EO-M Plus, Renault RLD-2, MTU Type 2, Cummins CES 20076/77/78, Detroit Diesel 93K215, CAT ECF-1A, DDC93K215, 2000/4000, Global DHD-1, Deutz DQC-II, Tedom 258-3, Zetor	ACEA E7/A3/B4, API CI-4/CH-4/CG-4/CF-4/SL; MB Approval 228.3; MAN 3275; Volvo VDS-3; Cummins CES 20078, Mack EO-N; Renault VI RLD-2; Detroit Diesel 93K215; Deutz DQC-III-05
Product	HEXOL TurboDiesel 15W40	i-Sigma performance E3 15W-40	Dynamic Super Diesel	Truck M Plus 15W-40	Rubia TIR 6400 15W-40	Rimula R3 X 15W-40	Delvac Super 1400 15W-40	Titan CFE MC 15W-40	MT-Truck 15W-40 Plus	SHPD TS-1
Specification	API CF/SF, ACEA E2-96, ACEA A3/B4-04; VW 500.00, 501.1, MB 229.1, VOLVO VDS-3, MAN271, RENAULT RLD-2 RN0700 RN0710, FORD WS-M2, FIAT 9.55535-N2 ;	API CG-4 /SG, ACEA E3, B3, SHPD, MB-Approval 228.3, MTU Type 2, MAN M 3275, Deutz DQC II-05, Renault RD, ZF 04C	ACEA E3, API CG-4/CF/SJ, MB 2283, MAN M3275, Volvo VDS, Tatar TDS 40/16, MTU Type 2	ACEA E2/A2/B2, API CG-4/SJ, MB 228.1, Volvo VDS, MAN 271, Allison C4, ÓAF/Steyr D1, MIL-L-2104E, ZF TE-ML 03A, 07CD, Avia, Mack EO-L Plus, MTU MTL 5044, Skoda-LIAZ 258-2, Tatra TDS 30/12	ACEA E5/E3, API CH-4/SJ, MB 228.3, Volvo VDS-2, MAN M3275, Renault RD/RD-2, MTU Type 2, Mack EOM, Cummins CES 20071/72	API CH-4/CG-4, ACEA E3/E5 MBI 228.3, MTU Type 2, MAN M 3275, Renault RD-2, Volvo VDS-2, Allison C-4, CAT ECF-1-A, Cummins CES 20071/72/75/76/77, Iveco T2 E5, Mack EOM, EOM Plus	API CG-4/CF/SJ, ACEA E3/B3/B4/A3, MB 228.3, MAN 3275, Volvo VDS-2 MTU Type-2	API CG-4/SG, ACEA E3/B3/A3	ACEA E3, API CG-4/CF/SJ, MAN 3275, VOLVO VDS-3, Renault RGD, /RD, MTU Type-2	ACEA E3/A3/B3, API CH-4/CG-4/CF-4/SL, MB 228.3/229.1; MAN 3275; Volvo VDS-2