

BB00.40-P-0228-05A	Multigrade engine oils (Sheet 228.5)	i For use in vehicles/engines refer to "Sheet 223.2"	Sheet 228.5
		i For specified viscosity grades refer to "Sheet 224.1 (passenger-car engines) Sheet 224.2 (commercial-vehicle engines)"	BB00.40-P-0223-02A BB00.40-P-0224-01A BB00.40-P-0224-02A

Product name	0W-30	10W-40	5W-30	5W-40	Company, town, country
AD SDX 10W40		X			AD Parts, S.L., Girona, Spain
ad-Super Cargo Leichtlauf-Oil		X			Carat GmbH & Co. KG, Eschborn, Germany
Addinol Super Truck MD 1048		X			Addinol Lube Oil GmbH, Leuna, Germany
Addinol Ultra Truck MD 0538			X		Addinol Lube Oil GmbH, Leuna, Germany
Agip Sigma Trucksint TFE			X		ENI S.p.A. - Refining & Marketing Division, Rome, Italy
Agip Sigma Ultra TFE		X			ENI S.p.A. - Refining & Marketing Division, Rome, Italy
Antar Maxolia 10W-40		X			TotalFinaElf Lubrifiants, Paris, France
Aral GigaTurboral		X			Aral Aktiengesellschaft, Bochum, Germany
Aral MegaTurboral		X			Aral Aktiengesellschaft, Bochum, Germany
Aral SuperTurboral			X		Aral Aktiengesellschaft, Bochum, Germany
Ardea Semi Synthetic Special Diesel Oil		X			Peeters Brems S.A., Wijngem-Antwerpen, Belgium
Areca Funaria Syntex		X			Durand Production S.A., Harnes, France
Armorine Diamant		X			Armorine S.A., Lanester Cedex, France
Ashland A.P.B. Prefleet DDQ		X			Ashland Oil Nederland, Dordrecht, Netherlands
Astris TNX		X			Astris S.A., Giornico, Switzerland
Autol Valve Ultra FE		X			Agip Schmiertechnik GmbH, Würzburg, Germany
Averoil TIR-UHP		X			Olipes, S.L., Arganda del Rey, Spain
Avia Turbosynth HT-E		X			Avia Mineralöl-AG, Munich, Germany
Aviatic Super FEG		X			Wilhelm Scholten GmbH, Münster, Germany
Aviaticon FinkoTruck LD 10W-40		X			Finke Mineralölwerk GmbH, Bremen, Germany
Avilub engine oil WDB 10W-40		X			Hermann Bantleon GmbH, Ulm, Germany
BayWa Motorenöl Super Truck 1040 MC		X			BayWa AG, Munich, Germany
BayWa Super Truck 530 SL			X		BayWa AG, Munich, Germany
Blasol DHP 10W40		X			Blaser Swisslube AG, Hasle-Rüegsau, Switzerland
Blu Oil 5		X			Rondine Azienda Petrochimica S.p.A., Pero (Milano), Italy
BP Vanellus C8 Ultima			X		BP p.l.c., London, England
BP Vanellus E4 Plus		X			BP p.l.c., London, England
BP Vanellus E7 Plus		X			BP p.l.c., London, England
BP Vanellus E7 Supreme				X	BP p.l.c., London, England
BP Vanellus E7 Ultra			X		BP p.l.c., London, England
BP Vanellus E7 Ultra M			X		BP p.l.c., London, England
BP Vanellus E8 Ultra			X		BP p.l.c., London, England
BR-352-EX			X		Petrobras Distribuidora S.A., Rio de Janeiro, Brazil
Calpam Turbosynth		X			Calpam Mineralöl-Gesellschaft mbH, Aschaffenburg, Germany
Caltex Delo XLD		X			Chevron Texaco Technology Ghent/Gent, Zwijnaarde, Belgium
Carl Motorenöl Cargo		X			Coparts Autoteile GmbH, Essen, Germany
Castrol Dynamax		X			Castrol Ltd., Swindon, England
Castrol Elixion	X		X		Castrol Ltd., Swindon, England
Castrol Enduron		X			Castrol Ltd., Swindon, England
Castrol Enduron Plus				X	Castrol Ltd., Swindon, England
Cepsa Eurotrans SHPD		X			Cepsa Lubricantes, S.A., Madrid, Spain
Cepsa Eurotrans SHPD 5W30			X		Cepsa Lubricantes, S.A., Madrid, Spain
Champion Turbofleet UHPD		X			Wolf Oil Corporation N.V., Hemiksem, Belgium
CLAAS Ultratec - XXL		X			CLAAS Vertriebsgesellschaft mbH, Harsewinkel, Germany
Classic Motorenöl Super		X			Christian Lühmann GmbH & Co. KG, Hoya, Germany

Classic Motorenöl Ultra			X	Christian Lühmann GmbH & Co. KG, Hoya, Germany
Condat Vicam Eurosynth		X		Condat S.A., Chasse-sur-Rhône, France
Diesel Truck Performance			X	Meguín GmbH & Co. KG Mineraloelwerke, Saarlouis, Germany
Divinol Multimax Synth		X		Zeller + Gmelin GmbH & Co., Eislingen, Germany
Divinol Multimax USHPD			X	Zeller + Gmelin GmbH & Co., Eislingen, Germany
ECLA		X		C.F.C.L., Mérignac, France
Econo-Veritas Truck FE			X	Oelwerke Julius Schindler GmbH, Hamburg, Germany
Eldon's Elona Syn			X	Eldon's S.A., Athens, Greece
Elf Performance Expert 10W-40		X		TotalFinaElf Lubrifiants, Paris, France
Elf Performance Expert FE 5W30			X	TotalFinaElf Lubrifiants, Paris, France
EMKA Cargo MC 10W40		X		EMKA Schmiertechnik GmbH, Heilbronn, Germany
Engen Dieselube 3000 Super		X		Engen Petroleum Ltd., Cape Town, South Africa
ESA Multilub Freeway		X		ESA, Burgdorf, Switzerland
Essolube XTS 5		X		Exxon Mobil Corporation, Fairfax, Virginia, USA
Essolube XTS 501		X		Exxon Mobil Corporation, Fairfax, Virginia, USA
Euro Concept LD		X		Euro Concept Produktionsges.m.b.H, Ried im Innkreis, Austria
Evva Truck Extra		X		Evva-Schmiermittel-Fabrik, Margarethen/Moos, Austria
Expert XH, SAE 10W40		X		Swd Lubricants GmbH & Co. KG, Duisburg, Germany
Fina Kappa First 5W30			X	TotalFinaElf Lubrifiants, Paris, France
Fina Kappa Ultra 10W-40		X		TotalFinaElf Lubrifiants, Paris, France
Freeway DBE4		X		Nervol S.A., Montpouillan, France
Fuchs Titan Cargo LDF		X		Fuchs Petrolub AG, Mannheim, Germany
Fuchs Titan Cargo MC		X		Fuchs Petrolub AG, Mannheim, Germany
Fuchs Titan Cargo SL			X	Fuchs Petrolub AG, Mannheim, Germany
Galax Extra HPD			X	NIS - Rafinerija Nafta Beograd, Belgrade, Yugoslavia
Galp Galaxia Extreme			X	Petrogal S.A., Lisbon, Portugal
Galp Galaxia LD S Ultra		X		Petrogal S.A., Lisbon, Portugal
Gulf Superfleet ELD 10W-40		X		Gulf Oil International, London, England
Gulfleet Highway 10W-40		X		S.A.E.L., Madrid, Spain
Gulfleet Supreme (EP)			X	S.A.E.L., Madrid, Spain
Hafa Eurodex		X		Hafa, Paris, France
Hankook Shell Rimula Ultra		X		Hankook Shell Oil Company Limited, Seodaemooon-gu Seoul, Rep. Korea
HRD Extensia 10W-40		X		Huiles Berliet S.A., Paris, France
HRD Extensia ECO 5W30			X	Huiles Berliet S.A., Paris, France
Hunold Multicargo		X		Hunold Schmierstoffe GmbH, Eching, Germany
Igol Trans Turbo 6X		X		Igol France, Amiens - cedex 3, France
Igol Trans Turbo 8X8X			X	Igol France, Amiens - cedex 3, France
INA Super 2000		X		INA Maziva Rijeka, Rijeka, Croatia
INA Super EKO		X		INA Maziva Rijeka, Rijeka, Croatia
Inter Turbo LD 5		X		Ets A. Mauran & Fils S.A., Odars, France
Jomo Delcion				X Japan Energy Corporation, Tokyo, Japan
Kennoco Eurosynth HP		X		Handel-Mij Noviol B.V., Nijmegen, Netherlands
Kompressol-FX		X		Kompressol-Oel Verkaufts GmbH, Cologne, Germany
Liqui Moly LKW Langzeit Motoröl		X		Liqui Moly GmbH, Ulm, Germany
Lubroviscol Superior LD		X		Shell & DEA Oil GmbH, Hamburg, Germany
Lukoil Prima		X		OOO Lukoil-Permnefteorgsintez, Perm, Osentsy, Russia
Madit Mistral		X		Slovnaft Vúrup a.s., Bratislava, Slovak Republic
Mapetrol Motorol SHPD Ultra		X		Mapetrol d.o.o., Maribor, Slovenia
Master Truck		X		Kuttenkeuler GmbH, Cologne, Germany
Max Raloy Diesel			X	Raloy Lubricantes, Santiago Tianguistenco, Mexico
Maxima HC Magnum XHPD			X	Oil Refinery Modrica, Modrica, Bosnia-Herzegovina
Maxima XHPD		X		Oil Refinery Modrica, Modrica, Bosnia-Herzegovina
MB 228.5 Motorenöl 000 989 60 01 12		X		DaimlerChrysler AG, Stuttgart, Germany

MB 228.5 Motorenöl 000 989 60 01 13		X		DaimlerChrysler AG, Stuttgart, Germany
Mega Truck			X	Raiffeisen Central-Genossenschaft Nordwest eG, Münster, Germany
Megasynt		X		Rilub S.p.A., Ottaviano (NA), Italy
megol Motorenoel Super Leichtlauf DIMO		X		Meguina GmbH & Co. KG Mineraloelwerke, Saarlouis, Germany
MHT STL Extra		X		MHT Industrietechnische Produkte GmbH, Mayen, Germany
Mobil Delvac 1			X	Exxon Mobil Corporation, Fairfax, Virginia, USA
Mobil Delvac 1 SHC			X	Exxon Mobil Corporation, Fairfax, Virginia, USA
Mobil Delvac XHP Extra		X		Exxon Mobil Corporation, Fairfax, Virginia, USA
Mobil Delvac XHP Ultra			X	Exxon Mobil Corporation, Fairfax, Virginia, USA
Mogul Diesel Adut			X	Koramo a.s., Kolin V, Czech Republic
Mogul Diesel DTT Plus		X		Koramo a.s., Kolin V, Czech Republic
MOL Synt Diesel		X		MOL-LUB Ltd., Almasfüzitő, Hungary
Morris Ringfree Ultra		X		Morris & Co. Ltd., Shrewsbury, England
Motorex Eco Power			X	Bucher AG, Langenthal, Switzerland
Motorex MC Power 3		X		Bucher AG, Langenthal, Switzerland
Motorex MC Power Plus		X		Bucher AG, Langenthal, Switzerland
Motul Tekma Optima 5W-30			X	Motul, Aubervilliers Cedex, France
Motul Tekma Ultima		X		Motul, Aubervilliers Cedex, France
Multitruck FE		X		Wynn's Italia S.p.a., Santa Croce Sull' Arno (PI), Italy
New Process Motoroil Dallas Plus 3		X		New-Process AG, Tübach SG, Switzerland
Nils Stratos		X		Nils Italia GmbH, Burgstall, Italy
Noaloiil Diam LD 100 10W40		X		Noaloiil, Noale (VE), Italy
Oest Dimo HT Super		X		Georg Oest Mineralölwerke, Freudenstadt, Germany
OMV super truck			X	OMV Aktiengesellschaft, Vienna, Austria
OMV truck FE plus		X		OMV Aktiengesellschaft, Vienna, Austria
One Hundred SAE 10W40 MB 228.5		X		Oil Company Champion in the World s.r.l., Casoria (NA), Italy
ORLEN OIL Diesel (4) XHPDO CF 10W/40		X		Orlen Oil Sp. z o.o., Krakow, Poland
Orly Taurus 3002		X		Orly International, Vieux-Thann, France
Orol Gold Longmot SKSHPF		X		Amstutz Produkte AG, Eschenbach LU, Switzerland
OTP Plus Super-Leichtlauf-Motorenöl		X		Hubert Math. Müller Handelsgesellschaft mbH, Eschweiler, Germany
Pakelo Goldenstar			X	Pakelo Motor Oil S.r.l., San Bonifacio (Vr), Italy
Pakelo Kentron Over MB 5		X		Pakelo Motor Oil S.r.l., San Bonifacio (Vr), Italy
Panolin Diesel HTE		X		Panolin AG, Madetswil, Switzerland
Paramo Trysk Global		X		Paramo, Pardubice, Czech Republic
Pennasol Performance Truck		X		Mineralöl-Raffinerie Dollbergen GmbH, Uetze-Dollbergen, Germany
Petro-Oil Diesel XHPDO CF		X		Petro-Oil Sp. z o.o., Krakow, Poland
PO Maximus Diesel 10W/40		X		Petrol Ofisi Anonim Sirketi, Istanbul, Turkey
Power Truck 10W-40		X		Raiffeisen Central-Genossenschaft Nordwest eG, Münster, Germany
Proton Turbo Diesel Super		X		Petrol d.d., Ljubljana, Slovenia
Q8 SuperTruck FE			X	Kuwait Petroleum, Hoogvliet RT, Netherlands
Q8 T 850		X		Kuwait Petroleum, Hoogvliet RT, Netherlands
Quaker State Synquest Diesel		X	X	Oel-Brack AG, Hunzenschwil, Switzerland
Raff Maxi GRS		X		Raffineries Imperator, Baisieux, France
Ravenol Performance Truck		X		Ravensberger Schmierstoffvertrieb GmbH, Werther, Germany
Repsol Turbo UHPD		X		Repsol YPF Lubricantes y Especialidades, S.A., Mostoles-Madrid, Spain
Ring Free Ultra plus FE 5W30			X	Morris & Co. Ltd., Shrewsbury, England
Roadstar		X		Conqord Oil S.r.l., Lacchiarella (MI), Italy
Shell Normina Extra		X		Shell International Petroleum Co., London, England
Shell Rimula Ultra		X	X	Shell International Petroleum Co., London, England

Shell Rimula Ultra (E5)		X		Shell International Petroleum Co., London, England
Sips-TSL 4		X		Sips-Dieter Döcker GmbH, Viersen, Germany
Stamina LDS 100		X		Greenway Lubricants Limited, Wednesbury, West Mid, England
Statoil TruckWay		X	X	Statoil Lubricants, Stockholm, Sweden
Strub Partsynt HC Ultra UHPD		X		Strub + Co AG, Reiden, Switzerland
Sunoco Ultra HPD		X		Sun Oil Co. (Belgium) N.V., Aartselaar, Belgium
SVG Esvaugol SHPD-0		X		Handelsges. für Kfz-Bedarf, Düsseldorf, Germany
swd Expert PAO			X	Swd Lubricants GmbH & Co. KG, Duisburg, Germany
Syneco K-E5		X		Syneco S.p.A., S. Giuliano Mil., Italy
Syneco Multirange		X		Syneco S.p.A., S. Giuliano Mil., Italy
Tamoil Diesel Premium FE (CY)		X		Tamoil Lubricants International Ltd., Larnaca, Cyprus
Tamoil Diesel Top Performance FE (I)			X	Tamoil Petroli S.p.A., Milan, Italy
Teboil Super XLD		X		Suomen Petrooli Oy, Hamina, Finland
Tor Turbosynth		X	X	De Oliebron B.V., Zwijndrecht, Netherlands
Tor Turbosynth 10W40 NF		X		De Oliebron B.V., Zwijndrecht, Netherlands
Total Rubia TIR 8600 10W-40		X		TotalFinaElf Lubrifiants, Paris, France
Total Rubia TIR 9200 FE 5W30			X	TotalFinaElf Lubrifiants, Paris, France
Triathlon Super Cargo		X		Adolf Würth GmbH & Co. KG, Künzelsau, Germany
Truck MC Langzeit-Leichtlauföl		X		Karl Pohlmann, Korbach, Germany
Truckmaster XPFE		X		Millers Oils Ltd., Brighouse West Yorkshire, England
Trucksynth			X	Millers Oils Ltd., Brighouse West Yorkshire, England
Turbo Ultra Long			X	Oktanoil, Bela Crkva, Yugoslavia
Turdus Semisyntetic XHPDO		X		Rafineria Gdanska S.A., Gdansk, Poland
Ultra SHPDO Synthetic		X		Krafft S.A., Andoain (Guipuzcoa), Spain
Unil LCM XS		X		Unil S.A., Saumur, France
Unil Opal LCM 800		X		Unil S.A., Saumur, France
Unil Opal LCM 850			X	Unil S.A., Saumur, France
Unil Unimot Truck LD		X		Unil Germany GmbH, Stuttgart, Germany
Urania 100K		X		FL Selenia s.p.a., Villastellone (Torino), Italy
Urania FE			X	FL Italia s.p.a., Villastellone (Torino), Italy
Ursa Premium FE			X	ChevronTexaco Technology Ghent, Ghent, Zwijnaarde, Belgium
Ursa Super TDX		X		ChevronTexaco Technology Ghent, Ghent, Zwijnaarde, Belgium
Ursa TDX		X		ChevronTexaco Technology Ghent, Ghent, Zwijnaarde, Belgium
Usoco UHPD		X		Usoco N.V., Wijnegem, Belgium
Valvoline ProFleet		X		The Valvoline Company, Dordrecht, Netherlands
Valvoline ProFleet Extra			X	The Valvoline Company, Dordrecht, Netherlands
Veedol Dynastar		X		Veedol International, Swindon, England
Veedol Dynastar FS			X	Veedol International, Swindon, England
Veritas Spezial HD Extra		X		Oelwerke Julius Schindler GmbH, Hamburg, Germany
Verkol TD-Max		X		Verkol, S.A., Bera, Navarra, Spain
Wintershall TFG		X		SRS Schmierstoff Vertrieb GmbH, Salzbergen, Germany
Wintershall TFL			X	SRS Schmierstoff Vertrieb GmbH, Salzbergen, Germany
Wisura Cargo MC		X		Wisura Mineralölwerk, Bremen, Germany
Wladoil UHP Diesel Oil		X		Solda' Vladimiro S.p.A., Creazzo (VI), Italy
Wolf Masterlube Longdrain Ultra		X		Wolf Oil Corporation N.V., Hemiksem, Belgium
Wunsch TSL-Diesel		X		Wunsch Öle GmbH, Ratingen, Germany
Xorbol Diesel Leichtlauföl SHPD		X		Hilbert GmbH, Emsdetten, Germany
York 845		X		Ginouves Georges S.A., La Farliède, France
York 847		X		Ginouves Georges S.A., La Farliède, France