



Millers Oils is a highly innovative independent manufacturer of market leading advanced oils and fuel treatments, with a history of providing creative lubrication solutions for some of the world's best known brands, based on over 130 years' experience in the lubricants industry.

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All products and information are reflective of the latest specifications at the time of going to print. The company reserves the right to change formulations and specifications without prior notice.

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MADE IN BRITAIN



COMMERCIAL VEHICLE



INTRODUCTION

At Millers Oils we understand that coach, bus and logistics companies work to tight deadlines in a competitive market, where any unplanned down-time comes at a huge cost.

Long haul, start-stop driving in all weather conditions and with heavy loads can take its toll on a vehicle. With increasing fuel prices, and ever more stringent emissions legislation, keeping commercial vehicles on the road and profitable can present a real challenge to businesses.

The good news is, we have a range of products and services to help.

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ENGINE OILS

Today’s long haul, start-stop driving with heavy loads and in all weather conditions places huge demands on commercial vehicle engines.

The Millers Oils range of engine oils helps to:

- Improve fuel economy and engine cleanliness, using the latest additive technology
- Reduce operating costs through extended drain intervals and stock rationalisation
- Minimise downtime by providing engine protection and longevity

Truckmaster

Truckmaster is a range of premium engine oils* featuring Dynamic Fluid Technology.

synergistically to deliver enhanced protection and maximised performance for your engine.

Dynamic Fluid Technology is the unique, superior lubrication technology developed and blended by Millers Oils. Expertly formulating by our team of chemists, Dynamic Fluid Technology utilises the very latest and best additive technologies, which act

Truckmaster products give operators peace of mind for vehicles still under manufacturer warranty.

Part no.	Product name	Performance Profile	Suitable for
7745	Truckmaster 5w30	ACEA E6, E7, E9 API CK-4 CAT ECF-3 Cummins CES 20086 Detroit Diesel DDC 93K222 Deutz DQC IV-18 LA, DQC III-18 LA MACK EO-S 4.5 MAN M 3677 , M 3775, M 3477, M 3271-1 Mercedes Benz MB 228.52, MB 228.51 MTU Type 3.1 Renault RLD-4, RLD-3 Scania LDF-4 Volvo VDS-4.5	API CJ-4, CI-4 Plus, CI-4 CAT ECF-2, ECF-1a Cummins CES 20081 DAF E6, E9 Detroit Diesel DDC 93K218 Deutz DQC IV-10 LA, DQC III-10 LA, DQC II-10 LA FORD WSS M2C171-E1 IVECO 18-1804 TLS E6 MACK EO-OP+, EO-N, EO-M+ MAN M 3575 Mercedes Benz MB 228.31, MB 226.9 MTU Type 2.1 Renault RLD-2, RLD, RGD Scania LA Volvo VDS-5*, VDS-4, VDS-3, VDS-2, VDS, CNG
7816	Truckmaster 10w30	ACEA E6, E7, E9 API CK-4 CAT ECF-3 Cummins CES 20086 Detroit Diesel DDC 93K222 Deutz DQC IV-18 LA, DQC III-18 LA FORD WSS M2C171-F1 MACK EO-S 4.5 MAN M 3677 , M 3775, M 3477, M 3271-1 Mercedes Benz MB 228.52, MB 228.51 MTU Type 3.1 Renault RLD-4, RLD-3 Scania LA Volvo VDS-4.5	API CJ-4, CI-4 Plus, CI-4 CAT ECF-2, ECF-1a Cummins CES 20081 DAF E6, E9 Detroit Diesel DDC 93K218 Deutz DQC IV-10 LA, DQC III-10 LA, DQC II-10 LA FORD WSS M2C171-E1 MACK EO-OP+, EO-N, EO-M+ MAN M 3575 Mercedes Benz MB 228.31, MB 226.9 MTU Type 2.1 Renault RLD-2, RLD, RGD Volvo VDS-5*, VDS-4, VDS-3, VDS-2, VDS, CNG



Part no.	Product name	Performance Profile	Suitable for
5834	Truckmaster DBX 10w40	ACEA E6, E7, E9 API CK-4 CAT ECF-3 Cummins CES 20081 Detroit Diesel DDC 93K218 Deutz DQC IV-10 LA MACK EO-OP+ MAN M 3477, M 3271-1 Mercedes Benz MB 228.51 MTU Type 3.1 Renault RLD-3 Scania LA Volvo VDS-4	API CJ-4, CI-4 Plus, CI-4 CAT ECF-2, ECF-1a DAF E6, E7, E9 Deutz DQC III-10 LA, DQC II-10 LA IVECO 18-1809 TLS E9, 18-1809 NG2 JASO DH-2 MACK EO-N, EO-M+ MAN M 3575 Mercedes Benz MB 228.31, MB 235.28, MB226.9 MTU Type 2.1 Renault RLD-2, RLD, RXD, RGD Volvo VDS-3, VDS-2, VDS, CNG Volvo Retarder Class B
5528	Truckmaster SVX 10w40	ACEA E4, E7 API CI-4 Cummins CES 20078, CES 20077 Deutz DQC IV-18 MACK EO-N MAN M 3277 Mercedes Benz MB 228.5 MTU Type 3 Renault RLD-2 Scania LDF-3 Volvo VDS-3	API CF Cummins CES 20076, CES 20075, CES 20072, CES 20071 DAF Extended Drain Deutz DQC IV-10, DQC III-10, DQC II-10, DQC II-05, DQC I-05, DQC I-02 FORD WSS M2C212-A1 IVECO 18-1804 T3 E4 JASO DH-1 MACK EO-M+ MAN M 3275-1, M 271 Mercedes Benz MB 228.3, MB 235.27 MTU Type 2, Type 1 Renault RLD, RXD Scania LDF-2, LDF Voith Retarder Class A Volvo VDS-2, VDS
6214	Truckmaster 15w40	ACEA E7, E9 API CK-4 CAT ECF-3 Cummins CES 20086 Detroit Diesel DDC 93K222 Deutz DQC III-18 LA FORD WSS M2C171-F1 MACK EO-S 4.5 MAN M 3775 Mercedes Benz MB 228.31 MTU Type 2.1 Renault RLD-4, RLD-3 Volvo VDS-4.5	API CJ-4, CI-4 Plus, CI-4, SN ALLISON TES-439 CAT ECF-2, ECF-1a Cummins CES 20081 DAF E7, E9 Detroit Diesel DDC 93K218 Deutz DQC II-18 LA, DQC III-10 LA, DQC II-10 LA FORD WSS M2C171-E1 JASO DH-2 MACK EO-OP+, EO-N, EO-M+ MAN M 3575 Mercedes Benz MB 226.9 Renault RLD-2, RLD, RGD Volvo VDS-5**, VDS-4, VDS-3, VDS-2, VDS, CNG ZF TE-ML 03K, ZF TE-ML 07C

**This product can be used where Volvo VDS-5 specification is required with the exception of potential fuel economy benefits.

Multifleet

Multifleet is a range of engine oils ideal for the workshop environment, meeting fleet operators’ needs with cost effective solutions. With extensive coverage of modern OEM specifications, the Multifleet range simplifies stock holding and reduces the chance of misapplication.

Part no.	Product name	Performance Profile	Suitable for
8189	Multifleet 5w30	ACEA E6, E9 API CK-4 CAT ECF-3 Cummins CES 20086 Detroit Diesel DDC 93K222 Deutz DQC IV-18 LA, DQC III-18 LA MACK EO-S 4.5 MAN M 3477, M 3271-1 Mercedes Benz MB 228.51 MTU Type 2.1 Renault RLD-4, RLD-3 Volvo VDS-4.5	API CJ-4, CI-4 Plus, CI-4, SL CAT ECF-2, ECF-1a Cummins CES 20081 DAF E6, E9 Detroit Diesel DDC 93K218 Deutz DQC IV-10 LA, DQC III-10 LA, DQC II-10 LA IVECO 18-1804 TLS E6 MACK EO-OP+, EO-N, EO-M+ MAN M 3575 Mercedes Benz MB 228.31, MB 226.9 Renault RLD-2, RLD, RGD, RXD Volvo VDS-5*, VDS-4, VDS-3, VDS-2, VDS, CNG
8190	Multifleet 10w30	ACEA E7, E9 API CK-4 CAT ECF-3 Cummins CES 20086 Detroit Diesel DDC 93K222 Deutz DQC III-10 LA FORD WSS M2C171-F1 MACK EO-S 4.5 MAN M 3775 Mercedes Benz MB 228.31 MTU Type 2.1 Renault RLD-3 Volvo VDS-4.5	API CJ-4, CI-4 Plus, CI-4 CAT ECF-2, ECF-1a Cummins CES 20081 DAF E9 Detroit Diesel DDC 93K218 Deutz DQC II-10 LA FORD WSS M2C171-E1 MACK EO-OP+, EO-N, EO-M+ MAN M 3575 Mercedes Benz MB 226.9 Renault RLD-2, RLD, RGD Volvo VDS-5*, VDS-4, VDS-3, VDS-2, VDS, CNG

*This product can be used where Volvo VDS-5 specification is required with the exception of potential fuel economy benefits.

Part no.	Product name	Performance Profile	Suitable for
7886	Multifleet Plus 10w40	ACEA E6, E9 API CI-4, SL CAT ECF-2 Cummins CES 20077, CES 20076 Deutz DQC III-10 LA MACK EO-N MAN M 3477, M 3271-1 Mercedes Benz MB 228.51 MTU Type 2.1 Renault RLD-2 Volvo VDS-3	API CH-4, SJ CAT ECF-1a Deutz DQC II-10 LA Mack EO-M+ MAN M 3575 Mercedes Benz MB 228.31, MB 226.9 Renault RLD, RGD, RXD Volvo VDS-2, VDS, CNG
5772	Multifleet 10w40	ACEA E7 API CI-4 CAT ECF-2 Cummins CES 20078, CES 20077, CES 20076 Detroit Diesel DDC 93K215 Deutz DQC III-10 MACK EO-N MAN M 3275-1 Mercedes Benz MB 228.3 MTU Type 2 Renault RLD-2 Volvo VDS-3	ACEA A3/B4, A3/B3 API CH-4, CF, SL CAT ECF-1a Cummins CES 20075, CES 20072, CES 20071 Deutz DQC III-05, DQC II-10, DQC II-05, DQC I-05, DQC I-02 Global DHD-1 MACK EO-M+ MAN M 271 Mercedes Benz MB 228.1, MB 229.1 MTU Type 1 Renault RLD Volvo VDS-2, VDS
5752	Multifleet 15w40	ACEA E7 API CI-4 CAT ECF-2 Cummins CES 20078, CES 20077 Detroit Diesel DDC 93K215 Deutz DQC III-10 MACK EO-N+ MAN M3275-1 Mercedes Benz MB 228.3 MTU Type 2 Renault RLD-2 Volvo VDS-3	ACEA A3/B4, A3/B3 API CH-4, CF, SL CAT ECF-1a Cummins CES 20076, CES 20075, CES 20072, CES 20071 Deutz DQC II-10, DQC I-05, DQC I-02 Global DHD-1, DH-1 IVECO 18-1804 T2 E3, 18-1804 T2 E7 MACK EO-M+ MAN M 271 Mercedes Benz MB 228.1 MTU Type 1 Renault RLD, RD-2, RD Volvo VDS-2, VDS



PRODUCT CODE	PRODUCT	OIL TYPE	SAPS LEVEL	APPROVALS AND SPECIFICATIONS																
				API	ACEA	CATERPILLAR	CUMMINS	DAF	DEUTZ	FORD WSS	IVECO	JASO	MACK	MAN	MERCEDES BENZ	MTU	RENAULT	SCANIA	VOLVO	Other
7745	Truckmaster 5w30	Fully Synthetic	Low SAPS	CK-4 CJ-4 CI-4 Plus CI-4 SN Plus	E6 E7 E9	CAT ECF-3 CAT ECF-2 CAT ECF-1-a	CES 20086 CES 20081	DAF E6 DAF E9	DQC IV-18 LA DQC III-18 LA DQC IV-10 LA DQC III-10 LA DQC II-10 LA	M2C213-A1	18-1804 TLS E6	DH-2	EO-S 4.5 EO-OP+ EO-N EO-M+	M 3677 M 3775 M 3477 M 3271-1 M 3575	MB 228.52 MB 228.51 MB 228.31 MB 235.28 MB 226.9	Type 3.1 Type 2.1	RLD-4 RLD-3 RLD-2 RLD RXD RGD	LDF-4 LA	VDS-5* VDS 4.5 VDS-4 VDS-3 VDS-2 VDS CNG	DDC 93K222 DDC 93K218 Voith Retarder Class B
7816	Truckmaster 10w30	Fully Synthetic	Low SAPS	CK-4 CJ-4 CI-4 Plus CI-4	E6 E7 E9	CAT ECF-3 CAT ECF-2 CAT ECF-1-a	CES 20086 CES 20081	DAF E6 DAF E9	DQC IV-18 LA DQC III-18 LA DQC IV-10 LA DQC III-10 LA DQC II-10 LA	M2C171-F1 M2C171-E1			EO-S 4.5 EO-OP+ EO-N EO-M+	M 3677 M 3775 M 3477 M 3271-1 M 3575	MB 228.52 MB 228.51 MB 228.31 MB 226.9	Type 3.1 Type 2.1	RLD-4 RLD-3 RLD-2 RLD RGD	LA	VDS-5* VDS 4.5 VDS-4 VDS-3 VDS-2 VDS CNG	DDC 93K222 DDC 93K218
5834	Truckmaster DBX 10w40	Semi Synthetic	Low SAPS	CK-4 CJ-4 CI-4 Plus CI-4	E6 E7 E9	CAT ECF-3 CAT ECF-2 CAT ECF-1-a	CES 20081	DAF E6 DAF E7 DAF E9	DQC IV-10 LA DQC III-10 LA DQC II-10 LA		18-1809 TLS E9 18-1809 NG2	DH-2	EO-OP+ EO-N EO-M+	M 3477 M 3271-1 M 3575	MB 228.51 MB 228.31 MB 235.28 MB226.9	Type 3.1 Type 2.1	RLD-3 RLD-2 RLD RXD RGD	LA	VDS-4 VDS-3 VDS-2 VDS CNG	DDC 93K218 Voith Retarder Class B
5528	Truckmaster SVX 10w40	Semi Synthetic	Full SAPS	CI-4 CF	E4 E7		CES 20078 CES 20077 CES 20076 CES 20075 CES 20072 CES 20071	DAF Extended Drain	DQC IV-18 DQC IV-10 DQC III-10 DQC II-10 DQC II-05 DQC I-05 DQC I-02	M2C212-A1	18-1804 T3 E4	DH-1	EO-N EO-M+	M 3277 M 3275-1 M 271	MB 228.5 MB 228.3 MB 235.27	Type 3 Type 2 Type 1	RLD-2 RLD RXD	LDF-3 LDF-2 LDF	VDS-3 VDS-2 VDS	Voith Retarder Class A
6214	Truckmaster 15w40	Semi Synthetic	Mid SAPS	CK-4 CJ-4 CI-4 Plus CI-4 SN	E7 E9	CAT ECF-3 CAT ECF-2 CAT ECF-1a	CES 20086 CES 20081	DAF E7 DAF E9	DQC III-18 LA DQC II-18 LA DQC III-10 LA DQC II-10 LA	M2C171-F1 M2C171-E1		DH-2	EO-S 4.5 EO-OP+ EO-N EO-M+	M 3775 M 3575	MB 228.31 MB 226.9	Type 2.1	RLD-4 RLD-3 RLD-2 RLD RGD		VDS-5* VDS-4.5 VDS-4 VDS-3 VDS-2 VDS CNG	ALLISON TES-439 DDC 93K222 DDC 93K218 ZF TE-ML 03K ZF TE-ML 07C
8189	Multifleet 5w30	Fully Synthetic	Low SAPS	CK-4 CJ-4 CI-4 Plus CI-4 SL	E6 E9	CAT ECF-3 CAT ECF-2 CAT ECF-1-a	CES 20086 CES 20081	DAF E6 DAF E9	DQC IV-18 LA DQC III-18 LA DQC IV-10 LA DQC III-10 LA DQC II-10 LA		18-1804 TLS E6		EO-S 4.5 EO-OP+ EO-N EO-M+	M 3477 M 3271-1 M 3575	MB 228.51 MB 228.31 MB 226.9	Type 2.1	RLD-4 RLD-3 RLD-2 RLD RGD RXD		VDS-5* VDS-4.5 VDS-4 VDS-3 VDS-2 VDS CNG	DDC 93K222 DDC 93K218
8190	Multifleet 10w30	Semi Synthetic	Mid SAPS	CK-4 CJ-4 CI-4 Plus CI-4	E7 E9	ECF-3 ECF-2 ECF-1-a	CES 20086 CES 20081	DAF E9	DQC III-10 LA DQC II-10 LA	M2C171-F1 M2C171-E1			EO-S 4.5 EO-OP+ EO-N EO-M+	M 3775 M 3575	MB 228.31 MB 226.9	Type 2.1	RLD-3 RLD-2 RLD RGD		VDS-5* VDS 4.5 VDS-4 VDS-3 VDS-2 VDS CNG	DDC 93K222 DDC 93K218
7886	Multifleet Plus 10w40	Semi Synthetic	Low SAPS	CI-4 CH-4 SL SJ	E6 E9	ECF-2 ECF-1-a	CES 20077 CES 20076		DQC III-10 LA DQC II-10 LA				EO-N EO-M+	M 3575 M 3477 M 3271-1	MB 228.51 MB 228.31 MB 226.9	Type 2.1	RLD-2 RLD RGD RXD		VDS-3 VDS-2 VDS CNG	
5772	Multifleet 10w40	Semi Synthetic	Full SAPS	CI-4 CH-4 CF SL	E7 A3/B4 A3/B3	ECF-2 ECF-1-a	CES 20078 CES 20077 CES 20076 CES 20075 CES 20072 CES 20071		DQC III-10 DQC II-10 DQC III-05 DQC II-05 DQC I-05 DQC I-02				EO-N EO-M+	M 3275-1 M 271	MB 228.3 MB 228.1 MB 229.1	Type 2 Type 1	RLD-2 RLD		VDS-3 VDS-2 VDS	DDC 93K215 Global DHD-1
5752	Multifleet 15w40	Mineral	Full SAPS	CI-4 CH-4 CF SL	E7 A3/B4 A3/B3	ECF-2 ECF-1-a	CES 20078 CES 20077 CES 20076 CES 20075 CES 20072 CES 20071		DQC III-10 DQC II-10 DQC I-05 DQC I-02		18-1804 T2 E3 18-1804 T2 E7		EO-N+ EO-M+	M 3275-1 M 271	MB 228.3 MB 228.1	Type 2 Type 1	RLD-2 RLD RD-2 RD		VDS-3 VDS-2 VDS	DDC 93K215 Global DHD-1 Global DH-1

*This product can be used where Volvo VDS-5 specification is required with the exception of potential fuel economy benefits.
All products are available in 5L, 20L, 60L, 205L, 1000L and bulk
Bold typeface indicates manufacturers approval pending

DRIVELINE

Millers Oils has a complete range of gear and transmission oils for use in heavy duty vehicles, providing extreme pressure protection and improving fuel economy. The range includes products for both manual and automatic transmissions systems.

Part no.	Product name	Description	Specifications
Truckmaster			
8337	Truckmaster Gear Oil 75w80	Fully synthetic gear oil for applications where an extra high performance lubricant is required, especially for those vehicles equipped with ZF manual gearboxes.	API GL-4 MAN M341-Z4,MAN M341-E3, MAN M341-E2 MAN M341-E1 Renault B0032/2-3 Volvo 97307, Volvo 97305 ZF TE-ML 01E, 01L, 02B, 02D, 02L, 08, 13, 16K, 24A DAF, Eaton, Iveco
8336	Truckmaster Gear Oil 75w90	Fully synthetic gear oil for applications where an extra high performance lubricant is required.	API GL-4, GL-5 SAE J2360 (MIL-PRF-2105 E) MIL-L-2105 D MT-1 Arvin Meritor 0-76-N Detroit Diesel DFS 93K219.01 MAN M341 Z2, MAN M342 M3, MAN M342 S1 MAN M 3343 S Mack G0 J MB 235.11, MB 235.8 Renault B0032/2-3 Scania ST0 2:0 A FS, Scania ST0 1:0 Volvo 97315, Volvo 97312 ZF TE-ML 02B, 05A, 07A, 12B, 12L, 12N, 16B, 16C 17B, 19B, 19C, 21A, 24A DAF, Eaton, Iveco, Renault
8340	Truckmaster Gear Oil LS 80w90	Gear oil for limited slip applications (LSD).	API GL-4, GL-5 MIL-L-2105 D ZF TE-ML 05C, 07A, 12C, 16E, 21C
8335	Truckmaster Gear Oil 80w140	Gear oil for applications where an extra high performance lubricant is required.	API GL-4, GL-5 SAE J2360 (MIL-PRF-2105 E) MIL-L-2105 D SAE J2360 MT-1 Mack G0-H, Mack G0-G Scania ST0 1:0 Volvo 97310 ZF TE-ML 05A, 07A, 12A, 12E, 16B, 16C, 16D, 17B 19B, 21A

Part no.	Product name	Description	Specifications
8338	Truckmaster ATF MT	Premium automatic transmission fluid technology blended into selected synthetic base fluids.	Allison TES 389, Allison C4 (TES 228), Allison C3 Allison V370 Cat T0-2 Clark Powershift Systems Denison Systems Ford WSS M2C185A, Ford WSS M2C166H Ford WSS M2C138CJ, Ford Mercon GM Dexron IIIH, GM Dexron IIIG, GM Dexron IIE, GM Dexron IID, GM Dexron II, GM Type A Suffix A (TASA) Hagglunds Systems MAN M339 Type Z2, MAN M339 Type Z1, MAN M339 Type V2, MAN M339 Type V1, MAN M339 Type L2 MAN M339 Type L1, MAN M339 Type F MB 236.31, MB 236.10, MB 236.9, MB 236.7, MB 236.6, MB 236.5, MB 236.3, MB 236.2 Racine Systems Rexnord Systems Sperry-Vickers Systems Sundstrand Systems Voith H55.6336, Voith H55.6335.XX Volvo 97341, Volvo 97340 ZF TE-ML 02F, 03D, 04D, 05L, 09X, 11A, 11B, 14A 14B, 14C, 17C, 20B Suitable for Power Steering Applications
Multifleet			
8344	Multifleet Gear Oil 75w90	Gear oil for vehicle and industrial applications.	API GL-4, GL-5 MIL-L-2105 D MAN M342 M2, MAN M342 M1 NATO 0-226 Volvo 1273.10 ZF TE-ML 02B, 05A, 07A, 12E, 16B, 16C, 17B, 19B 21A
8332	Multifleet Gear Oil 80w90	Gear oil for vehicle and industrial applications.	API GL-4, GL-5 MIL-L-2105 D MAN M342 M2, MAN M342 M1 ZF TE-ML 02B, 05A, 7A, 12E, 16B, 16C, 17B, 19B OEM performance levels for final drives
8333	Multifleet Gear Oil 85w140	Gear oil for vehicle and industrial applications.	API GL-4, GL-5 MIL-L-2105 D MAN M342 M2, MAN M342 M1 ZF TE-ML 05A, 07A, 12E, 16B, 16C, 16D, 17B, 19B
8339	Multifleet ATF Universal	A universal lubricant for the majority of automatic transmissions.	Allison C4 (TES 228), Allison C3 Bosch TE-ML 09 Cat T0-2 Ford WSS M2C185A, Ford WSS M2C166H Ford WSS M2C138CJ, Ford Mercon GM Dexron IID, GM Dexron IIGM Type A Suffix A (TASA) Hagglunds Denison HF-O Hydraulic Systems MAN M339 Type Z1, MAN M339 Type V1 MAN M339 Type L2, MAN M339 Type L1 MB 236.9, MB 236.7, MB 236.6, MB 236.5 MB 236.3, MB 236.2, MB 236.1 Renk-Doromat Transmission Systems Sperry-Vickers Systems Sundstrand Systems Voith H55.6635.XX ZF TE-ML 02F, 03D, 04D, 05L, 09X, 11A, 11B, 14A, 17C Suitable for Power Steering Applications
Maxifleet			
8334	Maxifleet Gear Oil 90	Gear oil for vehicle and industrial applications.	API GL-4, GL-5 MIL-L-2105 D
8345	Maxifleet Gear Oil 140	Gear oil for vehicle and industrial applications.	API GL-4, GL-5 MIL-L-2105 D

GREASE AND ANCILLARY FLUIDS

Grease

Part No.	Product Name	Description	Application	Operating Temp °C	Type
5819	PBL	A grease designed for heavy duty applications where adhesion, water resistance, shock loading and good corrosion protection is needed. This grease has a high level of lubricating solid graphite which keeps the working surfaces apart and substantially extends the life of components.	Fifth Wheels. Bucket pins and bushes on heavy earth moving equipment. Crane slews. Assembly and running-in compound. Electrical contacts and 'push-fit' cable connectors.	- 20°C to +140°C	Graphite Grease
5270	Delta 2 EP	Multi-purpose lithium soap thickened grease with extreme pressure and anti-wear protection.	For use in light and medium load bearing applications, and general multi-purpose greasing.	- 20°C to +140°C	Lithium Multi-Purpose Grease
5305	Deltaplex 2EP	High performance lithium complex grease, with extreme pressure and anti-wear protection, as well as excellent mechanical and oxidation stability.	For use in wheel bearings from light to heavy load applications.	- 20°C to +150°C	Lithium Red Complex Grease
5269	Delta 0EP	Pumpable grease for automatic lubrication systems.	Self-collapsing properties make it suitable for use in enclosed gear boxes, and in chassis lubrication.	- 30°C to +110°C	Semi Fluid Autolube Grease
5317	Delta 00EP				
5298	Delta 000EP				
5262	Black Moly MM2	Lithium grease with molybdenum 'solid' lubricant. Excellent extreme pressure and anti-wear performance, oxidation, corrosion and water resistance properties.	Ideal for universal joints and splined connections.	- 20°C to +140°C	Multipurpose Grease Molybdenum Disulphide
5563	Millergrease WG2	A premium quality lithium, calcium grease reinforced with Extreme Pressure (EP) and anti-corrosion additives.	A multipurpose grease for all types of bearings subjected to high loads and where water wash-out may be a problem.		Specialised Grease with Lithium & Calcium

Part No.	Product Name	Description	Application	Operating Temp °C	Type
5259	Millergrease NS Copper	A copper based anti-seize compound.	Where a lead free anti-seize compound is required to prevent seizure caused by metal to metal contact. For assembly work where ease of dismantling is required, threaded connection, track adjusters, rock drill extension rods, exhaust, wheel nuts, and brake callipers.	- 20°C to +1100°C	Copper Anti-Seize Compound
5196	Red Rubber Grease	Suitable for the lubrication of rubber and components that come in to contact with rubber.	Piston caliper seals.		Vegetable Oils thickened with Pyrogenic Silica
5264	Hi-mol 20	Very high molybdenum content. Ideal for highly loaded constant velocity (CV) joints. Eliminates sliding spline binding under high acceleration loads. The high molybdenum disulphide content provides a high load carrying capability making the product suitable for other high load applications.	Ideal for CV joints.		Lithium and Molybdenum

Hydraulic Oils

Part no.	Product name	Description	Specifications
5037	Millmax 32	HM type hydraulic fluid for use in applications where reliable anti-wear and corrosion protection are required.	ISO 11158 HH, HL & HM DIN 51524 part II Parker (Denison) HF-0, HF-1 & HF-2
5155	Millmax 46		
5047	Millmax 68		

Cleaners

Part no.	Product name	Description
5486	Power Cleaner 2011	A multi purpose phosphate free power cleaner fluid to remove grease and film deposits
5637	E-Vap Brake Cleaner	A cleaner specially formulated using a blend of fast evaporating solvents, specifically designed to clean and degrease vehicle brakes and clutches

Coolants and Brake Fluid

Coolants

Part no.	Product name	Description	Meets Specification	Protection to
5359	Alpine Antifreeze BT Blue (Concentrate)	A high quality corrosion inhibited blue ethylene glycol antifreeze that exceeds BS 6580 (2010).	BS 6580 (2010) ASTM D3306 SAE J 1034	- 46°C
5574	Alpine Antifreeze BT Blue (Ready To Use)			- 40°C
5668	Alpine Antifreeze Extended Red (Concentrate)	An ethylene glycol based automotive antifreeze and coolant, suitable for all year round use in the cooling systems of all internal combustion engines. Utilising OAT (Organic Acid Technology).	BS 6580 (2010) ASTM D3306, ASTM D4985 SAE J 1034 NATO S 759 FFV Heft R443 CUNA NC 956-16 UNE 26361-88 JIS K 2234 * AFNOR NF R15-601* (* with exception of reserve alkalinity) Chrysler MS 9176 Cummins CES 14603 MAN 248, 324 (SNF) & B&W D 36 5600 MACK 014GS 17004 Leyland Trucks LTS 22 AF 10 Ford ESE M97B49-A, WSS-M97B44-D & ESD M97 B49-A Mercedes MB 325.3 GM 1899 M, US 6277 M, OPEL GM QL130100 Renault 41-01-001-D VAG TL 774 D/F (G12/G12+) John Deere H 24 B1 & C1 Volvo VCS	- 56°C
7810	Alpine Antifreeze Extended Red (Ready to use)			- 37°C
8111	Highway Antifreeze & Coolant Blue (Concentrate)	An ethylene glycol based automotive antifreeze and coolant containing no nitrites, amines or phosphates (NAP free). Suitable for all year round use in the cooling systems of all internal combustion engines.	BS 6580 : 2010 (UK) For further quality and OEM specifications see Alpine Antifreeze range above	- 40°C
8110	Highway Antifreeze & Coolant Red (Concentrate)			

Coolants available in the following pack sizes: 1L, 5L, 20L. 205L*, IBC
*Highway Antifreeze Red and Blue available in 199L.

Brake Fluid

Part no.	Product name	Description	Meets Specification	Protection to
5391	Universal Brake DOT 4	A high boiling point brake fluid for braking systems where a non-mineral fluid is required.	Meeting current requirements of SAE J 1703 and FMVSS 116 DOT 4	Wet 165°C Dry 260°C

