



MANULTEC
INDUSTRIAL LUBRICANTS

lubricants for

industrial & manufacturing applications



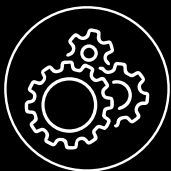
AZTEC OILS
THE LUBRICATION SPECIALISTS



MANUTEC

INDUSTRIAL LUBRICANTS

MANUTEC industrial lubricants have been specially formulated to handle even the most severe demands of manufacturing facilities. All **MANUTEC** lubricants are designed to provide high levels of anti-wear, oxidation and corrosion protection as well as assist in keeping components cool and clean. This improves the operating efficiency of equipment and processes by reducing downtime and maximise service intervals.



Industrial Gear Oils

High Performance
Lubricants



Slideway Oils

Recommended for Vertical and
Horizontal Machine Tool Slideways



Multi-Functional Oils

High Performance Range of
Multipurpose Machine Oils



Machine Oils

Quality Low Ash
Lubricants



Hydraulic Oils

Incompressible Premium
Quality Oils



Compressor Oils

Premium Quality Lubricants
Formulated Using Mineral Base Oils



Heat Transfer Oils

Zinc Free Heat
Transfer Oils



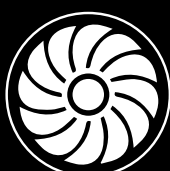
Mould Release Oils

Oils for use on Timber and
Metal Formwork



Rockdrill Oils

Mineral Based Rockdrill
Oil



Turbine Oils

Supreme Performance
Ashless Turbine Oils



Vacuum Pump Oils

Premium Ashless Vacuum
Pump Oils



MANUTEC INDUSTRIAL HC-EP: industrial gears oils are high-performance lubricants designed for a wide range of highly stressed industrial gearboxes and circulating systems, specifically important when a good load carrying capacity is required. Special additive technology reduces friction and forms protective layers which offer excellent wear protection in extreme load conditions.



MANUTEC INDUSTRIAL SYN-HC: industrial gear oils are fully synthetic industrial gear oils based on polyalphaolefins (PAO). These gear oils are specifically designed for the lubrication of bearings and gearboxes that are subject to high thermal loads and extended oil change intervals, whilst offering vast energy savings compared to mineral oils. Outstanding low temperature performance with excellent thermal and oxidation stability, very high viscosity index, excellent air release and anti-foam properties.



MANUTEC INDUSTRIAL SYN-PG: are fully synthetic industrial gear oils based on special polyalkylene glycols (PAG) for applications operating under extreme thermal and mechanical conditions. They offer high resistance to oxidation and shear stability, and excellent load carrying capacity with a superb low coefficient of friction to reduce wear on components and provide energy savings. Particularly suitable for steel/bronze worm gears.

INDUSTRIAL GEAR OIL - MINERAL & EP		Kinematic Viscosity @ 40°C [mm ² /s]	Kinematic Viscosity @ 100°C [mm ² /s]	Viscosity Index	Pour Point (°C)
Recommended by Aztec Oils as suitable for the following applications: DIN 51517 Part III, AGMA 9005-E02; 252.4, AIST (US Steel) 224, David Brown S1.53.101, ISO 12925-1 CKC					
IND008	MANUTEC INDUSTRIAL HC-EP 68	68	8.8	100	<-12
IND002	MANUTEC INDUSTRIAL HC-EP 100	100	11.3	100	<-12
IND004	MANUTEC INDUSTRIAL HC-EP 150	150	14.9	100	<-12
IND005	MANUTEC INDUSTRIAL HC-EP 220	220	19.5	100	<-12
IND006	MANUTEC INDUSTRIAL HC-EP 320	320	24.5	100	<-12
IND007	MANUTEC INDUSTRIAL HC-EP 460	460	30.0	100	<-9
IND009	MANUTEC INDUSTRIAL HC-EP 680	680	38.0	90	<-9
INDUSTRIAL GEAR OIL - SYNTHETIC PAO					
Recommended by Aztec Oils as suitable for the following applications: DIN 51517 Part III, AGMA 252.04, US Steel 224, David Brown S1.53.101					
IND020	MANUTEC INDUSTRIAL SYN-HC 68	68	10.8	150	<-50
IND013	MANUTEC INDUSTRIAL SYN-HC 100	100	14.5	150	<-50
IND014	MANUTEC INDUSTRIAL SYN-HC 150	150	20.0	155	<-50
IND016	MANUTEC INDUSTRIAL SYN-HC 220	220	26.5	155	<-50
IND017	MANUTEC INDUSTRIAL SYN-HC 320	320	36.5	160	<-50
IND019	MANUTEC INDUSTRIAL SYN-HC 460	460	46.0	160	<-50
INDUSTRIAL GEAR OIL - SYNTHETIC PAG*					
IND028	MANUTEC INDUSTRIAL SYN-PG 150	150	-	225	<-35
IND010	MANUTEC INDUSTRIAL SYN-PG 220	220	-	235	<-35
IND023	MANUTEC INDUSTRIAL SYN-PG 320	320	-	240	<-35
IND011	MANUTEC INDUSTRIAL SYN-PG 460	460	-	250	<-35

*PAG lubricants are not miscible with PAO or mineral based lubricants.



MANUTEC SLIDEWAY M: oils are a range of quality machine oils recommended for vertical and horizontal machine tool slideways, tables and guides. Tackifier additives ensure lubricant adhesion to prevent wash-out from cutting fluids and maintain excellent stick-slip performance.

Kinematic Viscosity @ 40°C [mm ² /s]	Kinematic Viscosity @ 100°C [mm ² /s]	Viscosity Index	Pour Point (°C)
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SLIDEWAY OILS

SLI010	MANUTEC SLIDEWAY M 32	32	5.3	100	<-25
SLI012	MANUTEC SLIDEWAY M 46	46	6.7	100	<-25
SLI014	MANUTEC SLIDEWAY M 68	68	8.8	100	<-25
SLI007	MANUTEC SLIDEWAY M 100	100	11.2	100	<-25
SLI008	MANUTEC SLIDEWAY M 150	150	15.1	100	<-20
SLI009	MANUTEC SLIDEWAY M 220	220	19	100	<-20
SLI011	MANUTEC SLIDEWAY M 320	320	24	95	<-15



MANUTEC PREMIER MULTI-FUNCTIONAL: oils are a high-performance range of multipurpose machine oils recommended for gearbox, hydraulic and slideway applications or for general purpose workshop lubrication. Utilising advanced multipurpose zinc-free additive technology and tackifiers to provide paramount lubrication and superb stick-slip performance.

MULTI-FUNCTIONAL OILS

Recommended by Aztec Oils as suitable for the following applications:
AFNOR NF E48-603 (HM), DIN 51524 Teil 2 (HLP), DIN 51517 Part 3 (CLP), ISO 12925, SEB 181 226, AGMA 250.04, 9005-D94, Cincinnati Milacron P-50, US Steel 224, 223, 222 – Depending on grade.

Kinematic Viscosity @ 40°C [mm ² /s]	Kinematic Viscosity @ 100°C [mm ² /s]	Viscosity Index	Pour Point (°C)
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SLI017	MANUTEC PREMIER MULTI-FUNCTIONAL 32	32	6	115	-15
SLI018	MANUTEC PREMIER MULTI-FUNCTIONAL 46	46	7	110	-15
SLI019	MANUTEC PREMIER MULTI-FUNCTIONAL 68	68	9	110	-15
SLI020	MANUTEC PREMIER MULTI-FUNCTIONAL 100	100	11	100	-12
SLI021	MANUTEC PREMIER MULTI-FUNCTIONAL 150	150	15	100	-12
SLI022	MANUTEC PREMIER MULTI-FUNCTIONAL 220	220	18	100	-10
SLI023	MANUTEC PREMIER MULTI-FUNCTIONAL 320	320	24	95	-10
SLI024	MANUTEC PREMIER MULTI-FUNCTIONAL 460	460	30	95	-10



MANUTEC MACHINE M: oils are quality low ash lubricants intended for general purpose machine and workshop applications derived from paraffinic mineral base oils of low aromaticity. These oils offer a high degree of thermal and oxidation stability for improved product life and provide resistance to the formation of gums and lacquers. Suitable for use in circulating systems which require a R&O type fluid.

MACHINE OILS

Recommended by Aztec Oils as suitable for the following applications:
ISO 6743-4 HL

Kinematic Viscosity @ 40°C [mm ² /s]	Kinematic Viscosity @ 100°C [mm ² /s]	Viscosity Index	Pour Point (°C)
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MAC012	MANUTEC MACHINE M 5	5	-	-	-
MAC025	MANUTEC MACHINE M 10	10	2.6	85	-
MAC016	MANUTEC MACHINE M 15	15	3.4	100	<-25
MAC006	MANUTEC MACHINE M 22	22	4.3	100	<-25
MAC008	MANUTEC MACHINE M 32	32	5.3	100	<-25
MAC010	MANUTEC MACHINE M 46	46	6.7	100	<-25
MAC013	MANUTEC MACHINE M 68	68	8.8	100	<-25
MAC005	MANUTEC MACHINE M 150	150	15.1	100	<-20
MAC007	MANUTEC MACHINE M 220	220	19	100	<-20
MAC009	MANUTEC MACHINE M 320	320	24	95	<-20
MAC011	MANUTEC MACHINE M 460	460	30	95	<-10
MAC022	MANUTEC MACHINE M 680	680	37	90	<-3
MAC004	MANUTEC MACHINE M 1000	1000	48	90	<-3

HYDRATEC

HYDRAULIC LUBRICANTS

HYDRATEC products are manufactured using only the highest quality virgin base oils and carefully developed additive technology to ensure optimal functionality and complete reliability in hydraulic systems.

A premium quality hydraulic oil must:

- Be incompressible
- Ensure compatibility with materials within the system
- Have excellent thermal stability
- Provide resistance to oxidation and prevent corrosion
- Release air rapidly and suppress foam
- Maintain shear resistance



Kinematic Viscosity @ 40°C [mm2/s]	Kinematic Viscosity @ 100°C [mm2/s]	Viscosity Index	Pour Point (°C)	Recommended by Aztec Oils as suitable for the following applications:
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GENERAL LUBRICATION & ANTIWEAR HYDRAULIC OILS - DEMULSIFYING						
HYD020	HYDRATEC HM 5	5	-	-	<-25	ISO 6743-4 HM
HYD011	HYDRATEC HM 10	10	2.6	100	<-25	DIN 51524 Part II HLP ISO 6743-4 HM
HYD013	HYDRATEC HM 15	15	3.4	100	<-25	DIN 51524 Part II HLP ISO 6743-4 HM
HYD015	HYDRATEC HM 22	22	4.3	100	<-25	DIN 51524 Part II HLP ISO 6743-4 HM SEB 181222
HYD017	HYDRATEC HM 32	32	5.8	100	<-25	AFNOR NF E 48-603 DIN 51524 Part II HLP Denison HF-2 Eaton (Vickers) 1-286-S ISO 6743-4 HM SEB 181222 US Steel 127
HYD019	HYDRATEC HM 46	46	6.8	100	<-25	AFNOR NF E 48-603 DIN 51524 Part II HLP Denison HF-2 Eaton (Vickers) 1-286-S ISO 6743-4 HM SEB 181222 US Steel 127
HYD021	HYDRATEC HM 68	68	8.8	100	<-25	AFNOR NF E 48-603 DIN 51524 Part II HLP Denison HF-2 Eaton (Vickers) 1-286-S ISO 6743-4 HM SEB 181222 US Steel 127
HYD012	HYDRATEC HM 100	100	11.3	99	<-25	DIN 51524 Part II HLP Eaton (Vickers) 1-286-S ISO 6743-4 HM SEB 181222
HYD014	HYDRATEC HM 150	150	14.9	99	<-20	DIN 51524 Part II HLP ISO 6743-4 HM
HYD016	HYDRATEC HM 220	220	19.2	98	<-20	ISO 6743-4 HM
HYD101	HYDRATEC HLP 32S	32	5.5	115	-35	AFNOR NF E 48-603, Denison HF-2, DIN 51524 Part II HLP, Eaton (Vickers) 1-286-S, ISO 6743-4 HM; SEB 181222, US Steel 127
HYD102	HYDRATEC HLP 46S	46	7.1	115	-35	
HYD103	HYDRATEC HLP 68S	68	9	110	-35	
ANTIWEAR & HIGH VISCOSITY INDEX HYDRAULIC OILS - DEMULSIFYING						
HYD007	HYDRATEC HVI 15	15	3.8	150	<-25	Denison HF-0/2, DIN 51524 Part III, ISO 6743-4 Type HV, ISO 11158 Type HV
HYD033	HYDRATEC HVI 22	22	4.8	150	<-25	
HYD008	HYDRATEC HVI 32	32	6.3	150	<-25	
HYD009	HYDRATEC HVI 46	46	8.2	150	<-25	
HYD010	HYDRATEC HVI 68	68	11.2	150	<-25	
HYD040	HYDRATEC HVI 100	100	14.5	150	<-25	DIN 51524 Part III, ISO 6743-4 Type HV, I SO 11158 Type HV, SAE MS 1004
HYD029	HYDRATEC VHVI 15	15	4	180	<-25	
HYD031	HYDRATEC VHVI 22	22	5.2	180	<-25	
HYD025	HYDRATEC VHVI 32	32	6.8	180	<-25	
HYD026	HYDRATEC VHVI 46	46	8.9	180	<-25	
HYD027	HYDRATEC VHVI 68	68	12.5	180	<-25	

Aztec Oils **HYDRATEC** offers a full range of premium quality hydraulic oils. Our products are exhaustively tested to meet and exceed the requirements of the latest OEM and international specifications and are expertly designed to maintain high performance and ensure maximum protection.

		Kinematic Viscosity @ 40°C [mm2/s]	Kinematic Viscosity @ 100°C [mm2/s]	Viscosity Index	Pour Point (°C)	Recommended by Aztec Oils as suitable for the following applications:
ASH FREE ANTIWEAR HYDRAULIC OILS - DEMULSIFYING & ASHLESS						
HYD039	HYDRATEC AF 5	5	-	-	<-25	ISO 6743-4 HM
HYD032	HYDRATEC AF 10	10	2.65	100	<-25	DIN 51524 Part 1&2, Afnor NF E 48-603, Denison HFO, Copper Corrosion 1b
HYD049	HYDRATEC AF 22	22	4.3	100	<-25	DIN 51524 Part 1&2, Afnor NF E 48-603, US Steel 120, Denison HFO, Copper Corrosion 1b
HYD045	HYDRATEC AF 32	32	5.8	100	<-25	DIN 51517 Part 2, DIN 51524 Part 1&2, Afnor NF E 48-603, Cincinnati P38, Denison HFO, Copper Corrosion 1b
HYD001	HYDRATEC AF 46	46	6.8	100	<-25	DIN 51517 Part 2, DIN 51524 Part 1&2, Cincinnati P55, Afnor NF E 48-603, Denison HFO, Copper Corrosion 1b
HYD002	HYDRATEC AF 68	68	8.8	100	<-25	DIN 51517 Part 2, DIN 51524 Part 1&2, Cincinnati P55, Afnor NF E 48-603, Denison HFO, Copper Corrosion 1b
HYD038	HYDRATEC AF 100	100	11.3	99	<-25	DIN 51517 Part 2, DIN 51524 Part 1&2, Afnor NF E 48-603, Denison HFO, Copper Corrosion 1b
HYD048	HYDRATEC AF 150	150	14.9	99	<-20	DIN 51517 Part 2, DIN 51524 Part 1&2, Afnor NF E 48-603, Copper Corrosion 1b
BIODEGRADABLE HYDRAULIC OILS - HETG - ASHLESS						
HYD003	HYDRATEC BIO-TG 22	22	5.6	213	<-15	DIN 51524 Part 3, OECD 301 >60%, ISO 6743-4 HETG
HYD004	HYDRATEC BIO-TG 32	32	7.6	219	<-15	
HYD005	HYDRATEC BIO-TG 46	46	10.5	227	<-15	
HYD006	HYDRATEC BIO-TG 68	68	14.6	226	<-10	
SYNTHETIC ESTER BIODEGRADABLE HYDRAULIC OILS - HEES - ASHLESS						
HYD052	HYDRATEC BIOSYN-ES 15	15	3.5	>130	<-40	DIN 51524 Part 2 & 3
HYD022	HYDRATEC BIOSYN-ES 22	22	5.0	>150	<-40	
HYD023	HYDRATEC BIOSYN-ES 32	32	6.5	>150	<-40	
HYD024	HYDRATEC BIOSYN-ES 46	46	9.3	>180	<-40	
HYD065	HYDRATEC BIOSYN-ES 68	68	11.3	>160	<-40	
SYNTHETIC PAO HYDRAULIC OILS - ASHLESS & WAX FREE						
HYD034	HYDRATEC SYN-HC 32	32	6.5	160	<-50	DIN 51517 Part 2, DIN 51524 Part 1&2, Cincinnati P38, Denison HFO, Copper Corrosion 1b
HYD035	HYDRATEC SYN-HC 46	46	8.4	160	<-45	DIN 51517 Part 2, DIN 51524 Part 1&2, Cincinnati P55, Denison HFO, Copper Corrosion 1b
HYD036	HYDRATEC SYN-HC 68	68	11.3	160	<-40	DIN 51517 Part 2, DIN 51524 Part 1&2, Cincinnati P54, Denison HFO, Copper Corrosion 1b
DETERGENT HYDRAULIC OILS						
HYD050	HYDRATEC HM 46 HLPD	46	6.8	100	<-25	DIN HLP-D, ISO 6743 Part 4
FIRE RESISTANT HYDRAULIC OILS						
FIRE006	HYDRATEC SYN-C 2 HFA	Recommended to use at 2-5%			HFA Synthetic water dilutable hydraulic fluid	
FIRE002	HYDRATEC EML 68 HFB	68	9	113	-	HFB Invert emulsion hydraulic fluid
FIRE003	HYDRATEC WG 46 HFC	46	9.4	-	-50	HFC Water glycol hydraulic fluid
FIRE001	HYDRATEC ES 46 HFDU	46	8.4	190	<-30	HFDU Synthetic ester hydraulic fluid
FIRE005	HYDRATEC ES 68 HFDU	68	14	220	<-30	



MANUTEC COMPRESSOR M: oils are premium quality lubricants formulated using mineral base oils and low ash additive technology which provides protection from wear, corrosion, oxidation and build-up of carbon deposits. Demonstrating low foaming tendencies and good demulsibility enables suitability for a 4000-hour long drain service interval.



MANUTEC COMPRESSOR SYN-HC: oils are superior lubricants formulated from fully synthetic polyalphaolefins (PAO) and low ash additive technology. This premium range offers extended 8000-hour service intervals, an excellent high viscosity index, improved thermal and oxidative stability with exceptional low temperature performance.

Viscosity grades:

- for screw compressors: ISO 32, 46, or 68.
- for reciprocating compressors: ISO 68, 100 or 150.
- for rotary vane compressors: ISO 100 or 150.

MINERAL COMPRESSOR OILS		Kinematic Viscosity @ 40°C [mm ² /s]	Kinematic Viscosity @ 100°C [mm ² /s]	Viscosity Index	Pour Point (°C)
Recommended by Aztec Oils as suitable for the following applications: (viscosity dependant). ANFOR NF E 48-603, BS 489, Cincinnati P38 (32)/P55 (46)/P54 (68), Dennison HF-O, DIN 51524 Part II, DIN 51506 VDL, DIN 51354 Stage II, DP 6521 DAA/DAB/DAG/DAH					
COMP004	MANUTEC COMPRESSOR M 32	32	5.8	100	-25
COMP005	MANUTEC COMPRESSOR M 46	46	6.8	100	-25
COMP006	MANUTEC COMPRESSOR M 68	68	8.8	100	-25
COMP002	MANUTEC COMPRESSOR M 100	100	11.3	100	-20
COMP003	MANUTEC COMPRESSOR M 150	150	14.9	100	-20
SYNTHETIC PAO COMPRESSOR OILS					
Recommended by Aztec Oils as suitable for the following applications: (viscosity dependant). ANFOR NF E 48-603, BS 489, Cincinnati P38 (32)/P55 (46)/P54 (68), Dennison HF-O, DIN 51524 Part III, DIN 51506 VDL, DIN 51354 Stage II, DP 6521 DPA/DPB/DPG/DPH					
COMP013	MANUTEC COMPRESSOR SYN-HC 32	32	6.5	160	<-50
COMP011	MANUTEC COMPRESSOR SYN-HC 46	46	8.4	160	<-45
COMP012	MANUTEC COMPRESSOR SYN-HC 68	68	11.3	160	<-40
COMP009	MANUTEC COMPRESSOR SYN-HC 100	100	15.3	160	<-40
COMP010	MANUTEC COMPRESSOR SYN-HC 150	150	21	160	<-40





MANUTEC HEAT TRANSFER M: heat transfer oils cover a wide variety of applications covering heating of domestic and industrial premises, manufacturing processes, paper mills, plastic processing facilities and installations combining heating and cooling cycles. Utilising mineral base oils and zinc free additive technology to prevent the build-up of carbon deposits.

MINERAL HEAT TRANSFER OILS

Recommended by Aztec Oils as suitable for the following applications:
ISO 6743-12

		Kinematic Viscosity @ 40°C [mm ² /s]	Kinematic Viscosity @ 100°C [mm ² /s]	Viscosity Index	Pour Point (°C)
HEAT012	MANUTEC HEAT TRANSFER M 22	22	4.3	100	<-20
HEAT001	MANUTEC HEAT TRANSFER M 32	32	5.4	100	<-20
HEAT002	MANUTEC HEAT TRANSFER M 46	46	6.7	100	<-20
HEAT011	MANUTEC HEAT TRANSFER M 68	68	8.7	100	<-10



MANUTEC MOULD RELEASE: oils form a barrier between the formwork and the concrete moulding giving an easy, quick and positive release with minimum blowhole formation to provide a uniform and non-stained concrete surface. Suitable for use on metal and timber formwork where it will preserve the timber and prevent corrosion on the metal.

		Kinematic Viscosity @ 40°C	Flash Point [°C]	Description
MOULD RELEASE OILS				
MOU029	MANUTEC MOULD RELEASE M 80	8	>80	A hydrocarbon based release fluid formulated principally for the production of moulded concrete products. Produces a clean and positive release combined with a stain free finish
MOU030	MANUTEC MOULD RELEASE M 120	12	>80	
MOU003	MANUTEC MOULD RELEASE CC 40	4	>80	
MOU021	MANUTEC MOULD RELEASE CC 80	8	>100	Hydrocarbon based release agent for a clean and positive release providing a stain free finish in both wet and dry cast applications.
MOU022	MANUTEC MOULD RELEASE CC 120	12	>100	
MOU015	MANUTEC MOULD RELEASE CM 45	4.5	>140	Low viscosity oil based mould release agent that's perfect for small scale concrete post and gravel board production, provides a stain free finish.
MOU011	MANUTEC MOULD RELEASE CM 200	20	>130	Oil based mould release agent that's perfect for small scale concrete post and gravel board production, provides a stain free finish.
MOU028	MANUTEC BIOMOULD RELEASE B80	8	>65	Mid viscosity readily biodegradable enhanced mould release agent for medium-to-large components providing a stain free finish.
MOU005	MANUTEC BIOMOULD RELEASE B110	11	>65	Readily biodegradable enhanced mould release agent for small-to-large components providing a stain free finish.
MOU018	MANUTEC MOULD PASTE WFG	0000 (NLGI)	-	Semi fluid paste that is a smooth Calcium grease for use as a release agent in concrete moulds.



MANUTEC ROCKDRILL M: oils are specially advanced products that withstand the harsh conditions of rock and concrete drilling. Unique surface-active agents improve the surface adhesiveness and the wettability properties over a wide temperature range to ensure a lubrication film. Ideal for the lubrication of heavy-duty percussion and rotary pneumatic tools such as breakers and jackhammers.



MANUTEC BIO ROCKDRILL ES: oils incorporate the same unique technology as our mineral based rockdrill oil but have been formulated using high quality biodegradable and renewable esters for an environmentally friendly product. Ideal for the lubrication of heavy-duty percussion and rotary pneumatic tools requiring an environmentally safe product.

ROCKDRILL OILS		Kinematic Viscosity @ 40°C [mm ² /s]	Kinematic Viscosity @ 100°C [mm ² /s]	Viscosity Index	Pour Point (°C)
Recommended by Aztec Oils as suitable for the following applications: ISO 6743-11					
ROC007	MANUTEC ROCKDRILL M 32	32	5.8	102	<-25
ROC009	MANUTEC ROCKDRILL M 46	46	6.8	102	<-25
ROC004	MANUTEC ROCKDRILL M 100	100	11.2	100	<-25
ROC005	MANUTEC ROCKDRILL M 150	150	15.2	100	<-20
ROC006	MANUTEC ROCKDRILL M 220	220	19.6	98	<-20
ROC008	MANUTEC ROCKDRILL M 320	320	24.5	98	<-15
ROC001	MANUTEC BIO ROCKDRILL ES 32	32	7.4	210	<-10
ROC003	MANUTEC BIO ROCKDRILL ES 46	46	10.2	220	<-10
ROC010	MANUTEC BIO ROCKDRILL ES 100	100	22	250	<-10
ROC012	MANUTEC BIO ROCKDRILL ES 150	150	31	250	<-10
ROC013	MANUTEC BIO ROCKDRILL ES 220	220	47	270	<-10
ROC002	MANUTEC BIO ROCKDRILL ES 320	320	60	260	<-10
ROC012	MANUTEC BIO ROCKDRILL D-46 ES	46	10.9	240	<-10



MANUTEC TURBINE M: oils are a range of supreme performance ashless turbine oils specially designed for the lubrication of hydraulic, steam or gas turbines. An effective inhibitor package provides excellent resistance to oxidation by limiting the formation of corrosive acids which often leads to the build-up of varnishes, debris and sludge.

ASHLESS TURBINE OILS

Recommended by Aztec Oils as suitable for the following applications: (viscosity dependant).
British Standard BS489, CEEB 207001, DIN 51515 Part I, DIN 51517 Part II, GE GEK 32568 A/C,
Siemens TLV 9013, US Steel 120

		Kinematic Viscosity @ 40°C [mm ² /s]	Kinematic Viscosity @ 100°C [mm ² /s]	Viscosity Index	Pour Point (°C)
TUR003	MANUTEC TURBINE M 32	32	5.4	100	<-20
TUR001	MANUTEC TURBINE M 46	46	6.8	100	<-20
TUR002	MANUTEC TURBINE M 68	68	8.8	100	<-10
TUR004	MANUTEC TURBINE M 100	100	11.3	100	<-10



MANUTEC VACUUM PUMP M: oils are a range of premium ashless vacuum pump oils specially designed for the lubrication of a wide range of vacuum pumps, including rotary vane, screw and reciprocating. Utilising zinc free additive technology to provide superb anti-wear, thermal and oxidation resistance to control the build-up of harmful varnishes, debris and sludge. The low volatility and demulsibility characteristics further prolong the lubricant service life to help reduce maintenance costs.

ASHLESS VACUUM PUMP OILS

Recommended by Aztec Oils as suitable for the following applications:

		Kinematic Viscosity @ 40°C [mm ² /s]	Kinematic Viscosity @ 100°C [mm ² /s]	Viscosity Index	Pour Point (°C)
VAC006	MANUTEC VACUUM PUMP M 46	32	5.4	100	<-20
VAC002	MANUTEC VACUUM PUMP M 68	46	6.8	100	<-20
VAC001	MANUTEC VACUUM PUMP M 100	68	8.8	100	<-10
VAC004	MANUTEC VACUUM PUMP M 150	100	11.3	100	<-10

NUTRITEC

FOOD GRADE LUBRICANTS

NUTRITEC high performance food grade lubricants have been developed to meet and exceed industry specifications in accordance with highly stringent guidelines for food safe lubricants. We know that food safety and productivity are vital to the success and reputation of your business. It's why our lubricants are NSF accredited for use in or around food processing areas and equipment.

Benefits of NUTRITEC MF lubricants;

- Our highly advanced multifunctional additive technology allows for product rationalisation, minimising stock and reduces the risk of misapplication.
- Maintains efficient operation, even in the most challenging manufacturing processes.
- Available in a wide range of viscosities to suit many applications.
- NUTRITEC SYN MF products are made from high purity synthetic polyalphaolefin (PAO) base oils which provide a vast improvement against oxidation than competing conventional food grade lubricants, allowing for increased drain intervals.
- Help keep your equipment free from harmful sludge and varnish deposits, resulting in less unnecessary downtime.
- NSF, Halal and Kosher accreditations.

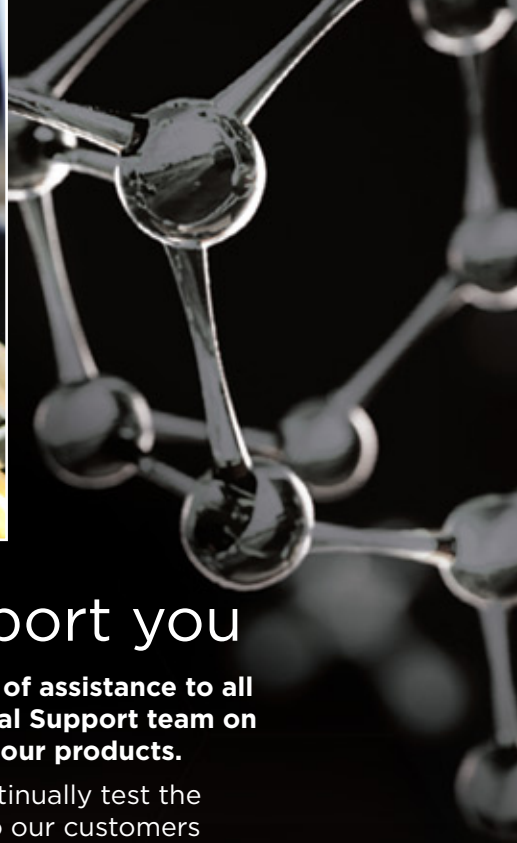
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