



All round Engineering

Tel: 011 024 8888



Reg no.2012/117416/07

Vat no.4140261209

Email: larry@oil4africa.co.za



41 Illana Street Delville, Germiston

PRODUCT DATA SHEET

MAGNUM HYDRAULIC OIL

PRODUCT DESCRIPTION

MAGNUM HYDRAULIC oils formulated with highly refined, mineral base oils in combination with a balanced additive package containing hydrolytically stable antiwear additives, antioxidants and corrosion inhibitors

APPLICATION:

- All types of Hydraulic systems
- Circulating oil systems and pumps
- Light gears and compressors that do not require extreme pressure additives
- General lubrication and rust protection of metal surfaces in light machinery

FEATURES AND BENEFITS:

- Premium quality hydrotreated base oils are inherently very good on thermal stability, air-release and water separability.
- Rust and Oxidation Inhibitors: Protect metal surfaces from corrosion. Antioxidants resists oil degradation and sludge formation, prolonging the life of the oil.
- Demulsibility additive permit rapid separation of water from oil, necessary for the optimum performance of the lubricant.

Directors: Larry Rajpal & Saitish Rajpal

NATIONALLY



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TYPICAL PROPERTIES:

TEST PROPERTY	TEST METHOD	ISO 32	ISO 46	ISO 68	ISO 100
Density @ 20°C ,kg/l	ASTM D1298	0.875	0.875	0.878	0.881
Kinematic Viscosity	ASTM D445				
@ 40 °C ,cSt		32	46	68	100
@100 °C ,cSt		5.36	6.76	8.7	11.3
Viscosity Index	ASTM D2270	100	100	99	99
Pour Point °C	ASTM D97	-27	-24	-24	-18
Flash Point °C	ASTM D92	214	218	222	232

MEETS OR EXCEEDS THE FOLLOWING SPECIFICATIONS:

- CINCINNATI MACHINE P68, P69, P70
- DIN 51524 Part2/Part3
- ASTM D6158 HM,HV
- AFNOR NF-E 48-603 HM,HV
- DENISON HF-O, HF-1, HF-2
- ISO 11158 HM,HV
- VICKERS 35VQ25A
- GM LS2

STORAGE

All packages should be stored under cover. If stored outside drums should be laid horizontally to avoid water ingress and damage to markings on the drums. Products should not be stored above 60°C or exposed to hot sun or freezing conditions.

This data sheet was prepared from the best information available at the time of issue. While the values and characteristics are considered representative, some variation, not affecting performance, can be expected. It is the responsibility of the user to ensure that the products are used in the applications for which they are intended. Material Safety Data Sheets are available for all our products and should be consulted for appropriate information regarding storage, safe handling, and disposal of the product.

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