

Technical Data Sheet

MOGAS HYDRAX Z SERIES

INDUSTRIAL HYDRAULIC OILS



Description:

MOGAS HYDRAX Z is a high-quality range of oils formulated using mineral base oils with antifoam, antioxidant, anti-wear and antirust additives, meeting the requirements of most hydraulic systems.

Application:

For automotive and industrial equipment, with a wide range of viscosities to suit all practical needs requiring high performance hydraulic oil.

Specification and Approvals:

DIN 51524 Part 2

DENISON HF-O (Hybrid Pump); US Steel

127/136Caterpillar TO-2; Allison C-4;

Cincinnati Machine P-68 (ISO 32) / P-69

(ISO 46) / P-70 (ISO 68). Eaton Vickers M-

2950-S / I-286-S; AFNOR NFE 48-691

Benefits:

- Excellent anti-wear protection, oxidation resistance and thermal stability
- Excellent Demulsibility facilitates spontaneous separation of the oil from water ingress
- Low pour point enables a wide range of application at different temperatures
- The high viscosity index ensures constant flow, low friction loss and good hydraulic efficiency
- The antifoam properties and ready release of entrained air prevents operational difficulties with pumps and control

Health, Safety and Environment:

This product, when used as per our recommendation for the intended application, is not expected to produce any particular risk. A Material Safety Data Sheet of it is available upon request from our local sales contact office or on our website. In case of used oil disposal, please respect the Regulations for protecting the environment.

Typical Properties:

Test Parameters	Units	Test Method	Mean Values	Mean Values	Mean Values	Mean Values
Type	-	-	Z 22	Z 32	Z 46	Z 68
ISO VG Grade			22	32	46	68
Viscosity at 40°C	mm ² /s	ASTM D 445	22	32	46	68
Viscosity at 100°C	mm ² /s	ASTM D 445	4.3	5.50	7.10	8.70
Viscosity Index	-	ASTM D 2270	100	105	105	99
TAN	mg KOH/g	ASTM D 664	0.08	0.08	0.07	0.07
Pour Point	°C	ASTM D 97	-27	-27	-27	-24
Flash Point (COC)	°C	ASTM D 92	230	234	234	236
Density at 20°C	Kg/m ³	ASTM D 4052	842	847	856	860

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