



Technical Data Sheet

Premium Hydraulic Oils ISO 32, 46 & 68 (Product Codes; 1000, 1025, 1050)

Product Description

Mineral oil based anti-wear hydraulic fluid.

Application

High performance anti-wear hydraulic fluid designed and developed to be used in industrial power transmission and control systems. It incorporates ZDDP additives to offer greater anti-wear characteristics, oxidation resistance and corrosion protection.

Outstanding Features

- Suitable for a wide range of hydraulic and other industrial applications
- Extensive range of viscosities to meet most requirements
- Benefiting from a fourfold additive treatment which gives anti-wear, anti oxidation, anti-corrosion, and low foaming properties.
- Thermally stable in extreme conditions of temperature and load which supports resistance to degradation

Typical Properties

		32	46	68
Appearance		Straw/light amber liquid	Straw/light amber liquid	Straw/amber liquid
Density @ 15°C (kg/m3)	ASTM D4052	0.85	0.86	0.87
Flash Point (°C)	ASTM D92	>190	>200	>200
Kinematic Viscosity @ 40°C (mm/s²)	ASTM D445	32	46	68
Kinematic Viscosity @ 100°C (mm/s²)	ASTM D445	5.8	6.8	8.8
Pour Point (°C)	ASTM D97	<-25	<-25	<-25
Viscosity Index	ASTM D2207	100	100	100

PERFORMANCE STANDARDS

- 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

HEALTH & SAFETY

This product has been manufactured to the highest standards and when used for the purpose recommended is unlikely to present any significant health hazards. A Material Safety Data Sheet is available.

Indicated data are approximate values and are subject to the usual commercial fluctuations. All information is correct at time of going to press to the best of our knowledge. This information may be subject to change without notification due to continual product research and development.

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