

HYDRA POWER 46

Hydraulic Oil

Product Description:

HYDRA POWER 46 is a high performance anti wear hydraulic oil developed for use in high pressure hydraulic systems operating under moderate to severe conditions in mobile and industrial services.

HYDRA POWER 46 oil is formulated with carefully selected base stocks fortified with additives to provide excellent protection towards wear, rust and oxidation.

HYDRA POWER 46 is formulated with field proven thermally stable, zinc based anti wear additives.

HYDRA POWER 46 provides excellent water demulsibility as well as de-aeration. HYDRA POWER 46 effectively protects against rust and oxidation.

HYDRA POWER 46 can be used in hydraulic systems in stationary and mobile hydraulic systems, as well as for general machine lubrication.

Specifications:

Exceeds: DIN 51524/2 HLP, ISO 11158 HM, AFNOR NFE 48-603 HM, Denison HF-0/HF-1/HF-2, Cincinnati P-70, Eaton (Vickers): M-2950-S/I-286-2

Property:	Test Method:	Typical Values:
ISO Viscosity Grade	-	46
Kinematic Viscosity @ 100°C	ASTM D7042	8.0 mm ² /s
Viscosity Index	ASTM D2270	98
Density @ 15°C	ASTM D4052	877 kg/m ³
Flash Point (COC)	ASTM D92	>205°C
Pour Point	ASTM D97	-36°C
Load-carrying property FZG A/8,3/90°C Fail stage, minimum	DIN 51354-2	11
Air Release Value @ 50°C	DIN51381	5 minutes
Demulsibility @ 54°C	DIN 51599	<30 minutes