

HYDRA POWER PLUS 46

Hydraulic Oil

HYDRA POWER PLUS 46 is a premium quality anti-wear hydraulic oil specially developed for applications like hydraulic and power transmission subjected to wide range of temperature or where small viscosity change with fluctuating temperature is required.

HYDRA POWER PLUS 46 is formulated with high quality virgin mineral base stocks in combination with a special additive technology to achieve the following performance:

- Exceptional anti-wear property results in longer component life reducing costs.
- Extremely High Viscosity Index assures equipment protection at cold start-up temperatures and at high operating temperatures.
- Excellent shear stability minimizes viscosity loss over time and exhibits "stay-in-grade" performance under high shear conditions.
- Excellent thermo-oxidative.
- Superior demulsibility helps in faster separation of water from oil and resists formation of emulsions.
- Special rust & corrosion inhibitors protect multi-metallurgy components even in presence of moisture.
- Rapid air release property due to non-silicone anti-foam technology to minimizes chances of pump cavitations leading to trouble free operations.
- Compatible with multi-metals & most sealing materials commonly used in hydraulic systems.

HYDRA POWER PLUS 46 meets the following performance criteria:

DIN 51524-3 HVL
Cincinnati P-70

ISO 11158 HV
Eaton Vickers M-2950-S

ASTM D6158 HV
I-286

AFNOR NF E 48-603 HV
Sauer Danfoss 520L0463

Typical Analysis

Properties	Unit	Method	Typical Value
ISO VG Grade		ISO 3448	46
Density @15 °C	kg/m ³	ASTM D4052	878.8
Kin. Viscosity @40 °C	mm ² /s	ASTM D7042	46.0
Kin. Viscosity @100 °C	mm ² /s	ASTM D7042	8.2
Viscosity Index		ASTM D2270	153
Flash Point COC	°C	ASTM D92	>200
Pour Point	°C	ASTM D7346	-42
Air Release Value @50 °C	Minutes	ASTM D3427	7
Demulsibility @54 °C	Minutes	ASTM D1401	15
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