

HYDRA POWER 100

Hydraulic Oil

HYDRA POWER 100 is a high performance anti-wear hydraulic oil developed for high pressure hydraulic systems operating under moderate to severe conditions in mobile and industrial service.

HYDRA POWER 100 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.
- 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 100 meets the following performance criteria:

DIN 51524-2 HLP ISO 11158 HM ASTM D6158 HM AFNOR NF E 48-603 HM
Sauer Danfoss 520L0463

Typical Analysis

Properties	Unit	Method	Typical Value
ISO VG Grade		ISO 3448	100
Density @15°C	kg/m ³	ASTM D4052	884.2
Kin. Viscosity @40°C	mm ² /s	ASTM D7042	95.5
Kin. Viscosity @100°C	mm ² /s	ASTM D7042	10.9
Viscosity Index		ASTM D2270	98
Flash Point COC	°C	ASTM D92	>205
Pour Point	°C	ASTM D7346	-24
Air Release Value @75°C	Minutes	ASTM D3427	Pass
Demulsibility @82°C	Minutes	ASTM D1401	Pass
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