



## Hydraulic Oil HV 100

Product Code: 76620

Mineral hydraulic fluid

**Hydraulic Oil HV 100** is an universal HVI mineral high grade EP oil for use in heavy duty hydraulic systems and light duty gearboxes, bearings and general lubrication. Not suitable for turbine application.

**Hydraulic Oil HV 100** is formulated with high quality refined mineral base stocks in combination with a special EP-additive technology to achieve the following performance.

- Excellent stability against oxidation.
- High Viscosity Index
- Very good protection against wear.
- Good water demulsibility.
- Very good foaming properties.
- Very effective to rust and corrosion.
- Very good thermal stability.

**Hydraulic Oil HV 100** exceeds the following performance criteria:

DIN 51524-3 HVLP    ISO 11158 HV    ASTM D6158 HV    AFNOR NF E 48-603 HV  
 Sauer Danfoss 520L0463

### Typical Analysis

Properties	Unit	Method	Typical Value
ISO VG Grade		ISO 3448	100
Density @15°C	kg/m <sup>3</sup>	ASTM D4052	880
Kin. Viscosity @40°C	mm <sup>2</sup> /s	ASTM D7042	101
Kin. Viscosity @100°C	mm <sup>2</sup> /s	ASTM D7042	15.4
Viscosity Index		ASTM D2270	161
Flash Point COC	°C	ASTM D92	>205
Pour Point	°C	ASTM D7346	-42
Air Release Value @75°C	Minutes	ASTM D3427	Pass
Demulsibility @82°C	Minutes	ASTM D1401	Pass

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