

## **Product Data Sheet**

## **HYDRAULIC OIL HV 68**

## **Product Description:**

HYDRAULIC OIL HV 68 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 68 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 68 exceeds the following performance criteria:

AFNOR NFE-48-603	ISO 11158 HV	<b>DIN 515</b>	24/3 HVLP	Denison HF-2	
Cincinatti P-69	Sauer Danfoss 520	L0463 Eaton Vi	Eaton Vickers M-2950-S/I-386		
Property		Unit	Test Method	Typical Value	
ISO Grade			ISO 3448	68	
Density@15°C		kg/m <sup>3</sup>	<b>ASTM D4052</b>	878	
Kin. Viscosity @40°C		mm²/s	<b>ASTM D7042</b>	69.5	
Kin. Viscosity @100°C		mm²/s	<b>ASTM D7042</b>	11.4	
Viscosity Index			<b>ASTM D2270</b>	173	
Flash Point COC		°C	ASTM D92	>201	
Pour Point		°C	<b>ASTM D7346</b>	-39	
Water Separability @82°C		<b>Minutes</b>	ASTM D1401	Pass	
Demulsility @54°C		Minutes	ASTM D892	Pass	
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