



P R O D U C T D A T A

WAF Hydraz HV Series: ISO VG 32, 46, 68,

Product Description:

WAF Hydraz HV series is a range of hydraulic oils specially formulated for applications where a wide range of temperatures is encountered by the oil in service. Blended from a highly refined base stock, an excellent anti-wear package and a highly shear stable viscosity index improver; WAF Hydraz HV series oils are extremely efficient in their power delivery at various operating temperatures. The oils combine excellent low temperature flow characteristics with superb anti-wear performance approved by major equipment manufacturers including : Denison, Vickers, and Cincinnati, Milacron.

Performance Levels:

- DIN 51524 parts 2 and 3 category HLP and HVLP
- AFNOR NFE 48-691
- Denison HF-O
- Vickers M-2950-S, 1-286-S
- CM P-68, P-70.

Qualities and benefits exhibited by the HYDREX HV Oils include:

- Exceptional anti-wear protection thus reducing wear
- High viscosity index giving wide temperature range performance
- High shear stability thus able to maintain its viscosity behavior under high shear conditions
- Outstanding oxidation stability providing long oil and equipment life
- Excellent corrosion protection
- Excellent air separation characteristics
- Good water separation

Application:

- Systems where cold start-up and high operating temperatures are typical
- Where small amounts of water are unavoidable
- Systems requiring a high degree of load carrying capability and anti-wear protection
- Systems requiring thin oil-film corrosion protection e.g. in the presence of water
- In systems containing gears and bearings.

HANDLING, HEALTH AND SAFETY

Lubricants consisting of highly refined mineral oils with specific additives.

In normal conditions of use, these lubricants present no particular toxic hazard.

All lubricants, of any kind, should always be handled with great care, particularly avoiding any contact with the skin.

Prevent any risk of splashing, and keep away from combustible materials.

Store under cover and away from any risk of contamination.

TYPICAL CHARACTERISTICS

ISO Rating	<u>HV32</u>	<u>HV46</u>	<u>HV68</u>
Density @ 20 degC (Kg/L)	0.868	0.873	0.876
Viscosity @ 40 degC (Cst)	32	46	68
Viscosity @ 100 degC (Cst)	6.29	8.21	10.98
Viscosity Index	155	154	153
Flash Point coc (degC)	240	218	220
Pour Point (degC)	-36	-36	-36

Pack Size: 205 Liters, Bulk