



# P R O D U C T                      D A T A

## Hydrex ZF HVI ISO VG 22, 32, 46, 68,

### Product Description:

Hydrex ZF HVI series is a range of hydraulic oils specially formulated from high quality base stocks and specially selected zinc free additives 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; the hydrex ZF HVI 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 HVILP
- 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 ZF HVI 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.

### TYPICAL CHARACTERISTICS

ISO Rating	ZF <u>HVI 22</u>	ZF <u>HVI 32</u>	ZF <u>HVI 46</u>	ZF <u>HVI 68</u>
Density @ 20 degC (Kg/L)	0.860	0.868	0.873	0.876
Viscosity @ 40 degC (Cst)	22	32	46	68
Viscosity Index	150	200	200	200
Flash Point coc (degC)	165	200	204	200
Pour Point (degC)	-39	-36	-36	-36

**Pack Size: 200 Litres, Bulk**

**5-10-07/TE-02**