

product data sheet

VARPRESS ZF RANGE

Zinc free, Ashless Anti-Wear Hydraulic fluids

Varpress ZF hydraulic oils are premium quality oils blended on base stocks chosen to provide a high Viscosity Index together with resistance to oxidation and degradation.

Varpress ZF hydraulic oils contain anti-wear additives that are zinc free and ashless offering exceptional thermal stability and compatibility with all metals

Features & Benefits

- Excellent anti-wear properties
- Resistant to oxidation
- Good filterability
- Light colour
- Formulated on high quality mineral oil
- Compatible with all common sealant materials
- Excellent thermal stability
- Good water separation
- Meets or exceeds industry standards

Typical Data

Varpress	22 ZF	32 ZF	37 ZF	46 ZF	68 ZF	100 ZF	150 ZF	
ISO Grade	22	32	37	46	68	100	150	
Viscosity @40°C	22.2	32.4	36.8	45.9	69.6	100.3	149.1	mm ² /s
Viscosity Index	95	95	95	95	95	95	95	min
Flashpoint (PMOC)	195	205	215	220	225	230	240	°C
Pourpoint	-20	-15	-15	-15	-15	-15	-15	°C (max)
Specific Gravity @20°C	0.87	0.87	0.87	0.87	0.88	0.88	0.88	

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Varpress ZF hydraulic oils are blended to meet or exceed the following industry standards

- Denison HF-0 HF-1 HF-2
- Vickers 1.286.S3 M-2950-S
- Cincinatti Milacron P-68, P-69, P-70
- U.S. Steel 127, 136

Operational Recommendations

Varpress ZF hydraulic oils are designed to be used as supplied.

Varpress ZF hydraulic oils should always be stored indoors and protected from extremes of temperature.

Although this product is not classified as hazardous to health, good standards of hygiene and housekeeping should always be adopted when using any industrial oils.

A separate MSDS is available for this product. Additional advice can also be obtained from your local representative.