

# product data sheet

## VARPRESS V RANGE

### High VI Hydraulic fluids

**Varpress V** hydraulic oils are premium quality oils formulated to provide greater consistency in viscosity over a wider range of operating temperatures than conventional hydraulic oils.

**Varpress V** hydraulic oils contain Zinc and Phosphorus anti-wear additives and are based on based stocks selected for their resistance to oxidation and degradation.

**Varpress V** hydraulic oils are suitable for use in certain Contractor's Plant and other applications where hydraulic equipment is subject to temperature variation that can adversely affect performance or equipment operated for long periods at elevated ambient temperatures.

**Varpress V** hydraulic oils are suitable for precision machine tools where consistency of operation is crucial.

### Features & Benefits

- Anti-wear properties
- High Viscosity Index for performance over a wide temperature range
- Resistant to oxidation
- Light colour
- Excellent thermal stability
- Good water separation
- Non corrosive to steel and copper alloys
- Meets or exceeds industry standards

### Typical Data

<b>Varpress</b>	<b>32 V</b>	<b>46 V</b>	<b>68 V</b>	
ISO Grade	32	46	68	
Viscosity @40°C	31.5	46.3	67.6	mm <sup>2</sup> /s
Viscosity Index	>140	>140	>140	min
Flashpoint (PMOC)	205	215	230	°C
Pourpoint	-40	-40	-35	°C (max)
Specific Gravity @20°C	0.87	0.87	0.88	

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

- AFNOR NF E 48603
- ASLE 70.1, 70.2 and 70.3
- DIN 51524 Part 2 and Part 3
- US steel 126/127
- CETOP RP91H#
- Vickers 1 286.S3 (industrial equipment)

## Operational Recommendations

**Varpress V** hydraulic oils are designed to be used as supplied. They are not suitable for systems containing silver or silver plated parts and components

**Varpress V** 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.