

product data sheet

VARPOWER RANGE

Turbine and circulating oils

VARPOWER turbine oils are formulated from highly refined paraffin mineral oils and ashless additives to ensure high resistance to oxidation, corrosion and foaming.

VARPOWER turbine oils are designed to cool and lubricate the bearings of industrial turbines and for use in hydraulic applications. They are available in a range of viscosities from ISO VG22 to ISO VG 100.

VARPOWER oils are also suitable for use with plain and roller bearings, in circulation systems, machine tools and lightly loaded enclosed gear systems.

Features and Benefits

- Resistant to rust and corrosion
- Good oxidative stability leading to long oil life
- Rapid separation from water
- Inhibited to protect against corrosion and rust
- Good anti-foaming performance
- Formulated on high quality mineral oil

Specifications

| | |
|----------------|--------------------------------------|
| DIN51515 | Denison HF-1 |
| MIL-L-17672C | Cincinnati Milacron P-38, P-45, P-70 |
| U.S. Steel 126 | |

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| Typical Properties | | | | | | | |
|----------------------------|----------------------|------------|-------|-------|-------|-------|--------|
| ISO Grade | | | 22 | 32 | 46 | 68 | 100 |
| Parameter | Unit | Method | | | | | |
| Kinematic Viscosity | | | | | | | |
| KV40 | mm ² /Sec | ASTM-D445 | 22.00 | 32.00 | 46.00 | 68.00 | 100.00 |
| KV100 | mm ² /Sec | ASTM-D445 | 4.31 | 5.37 | 6.77 | 8.70 | 11.36 |
| Viscosity index | - | ASTM-D2270 | 99 | 99 | 99 | 99 | 99 |
| Density @ 15.5°C | g/cm ³ | ASTM-D4052 | 0.846 | 0.848 | 0.850 | 0.882 | 0.884 |
| Flashpoint | °C | ASTM-D92 | 200 | 204 | 206 | 208 | 212 |
| Pour point | °C | ASTM-D97 | -15 | -15 | -15 | -15 | -15 |

| Varol Metalworking | | Varol Machine Lubricants | |
|-------------------------------|--|--|---|
| Varcut | Neat cutting oils, high performance, extensive range of viscosities | Varlube S Viscosity 32 - 320 | Slideway |
| Varform | Comprehensive range of neat forming oils, including water extendable versions and vanishing oils | Varmulti Viscosity 32 - 680 | Multilube - Slideway, Gear, Hydraulic |
| Varclean | Aqueous based wash fluids, surface cleaners and solvent degreasers | Vargear Viscosity 68 - 460 | Industrial Gear |
| Varcool & Vargrind | Comprehensive range of high performance water soluble fluids. Low, medium, high oil content and synthetics | Varpress Viscosity 5 - 150 | Hydraulic oil range covering zinc containing, zinc free and high VI |