

HYDRAULIC OIL VH

Hydraulic Oil VH Series is anti-wear oil blended with high-quality base oils incorporated with special additives that impart superior viscosity/temperature characteristics. They have a very high viscosity index and low pour points to provide fluidity at sub-zero temperatures. They remain suitable in varying ambient temperatures.

BENEFITS

- Very low viscosity variation with temperature.
- High shear stability.
- Oxidation resistant.
- Excellent filterability.
- Efficient anti-wear performance.
- Rust and corrosion protection.

PERFORMANCE LEVEL

Meets:

- AGMA 250.04
- DIN 51524 PART II & III

APPLICATIONS

Hydraulic Oil VH Series is specially suited for hydraulic systems, which operates in high-temperature conditions. It can perfectly perform in Fluid Power Transmission system that is operating in changing temperature conditions, where low viscosity change with unstable temperature is required. Hydraulic Oils VH Series comes in a different range of viscosities to meet all kinds of applications, design and operating conditions.

PRODUCT CHARACTERISTICS

| PROPERTIES | UNITS | VALUE | | | | | TEST METHOD |
|--------------------------|--------------------|--------|--------|--------|--------|--------|-------------|
| ISO GRADE | - | 15 | 32 | 46 | 68 | 100 | - |
| Specific Gravity @ 15 °C | - | 0.832 | 0.866 | 0.878 | 0.882 | 0.882 | ASTM D-4052 |
| Viscosity @ 40 °C | mm ² /s | 15.2 | 32.31 | 46.2 | 68.07 | 100.1 | ASTM D-445 |
| Viscosity @ 100 °C | mm ² /s | 3.85 | 6.19 | 7.98 | 10.98 | 13.55 | ASTM D-445 |
| Viscosity Index | - | 153 | 144 | 145 | 153 | 135 | ASTM D-2270 |
| Flash Point, COC | °C | 185 | 224 | 220 | 226 | 238 | ASTM D-92 |
| Pour Point | °C | -42 | -42 | -39 | -36 | -30 | ASTM D-97 |
| Color | - | 1.0 | 0.5 | 1.0 | L 1.5 | L 1.5 | ASTM D-1500 |
| Neutralization | Mg KOH/g | 0.38 | 0.38 | 0.38 | 0.38 | 0.38 | ASTM D-974 |
| Product Code | - | 511042 | 496042 | 505042 | 506042 | 499042 | - |

