



Product Data Sheet

Hydrol Synthetic Blend HVI Hydraulic Oil 22 High Viscosity Index Hydraulic Oil

DESCRIPTION

Nemco Synthetic Blend HVI Hydraulic Fluid is characterized by a high viscosity index (VI) and is designed for use over wide temperature ranges. Nemco HVI Synthetic Blend Hydraulic Fluid is blended from synthetic polyalpha olefin (PAO) base oils and premium quality mineral base oils. They are fortified with high performance additives and are recommended for heavy-duty hydraulic applications operating at high pressures and with wide ranges of temperatures. These oils can help eliminate the need for seasonal hydraulic fluid change-outs, and provide extended service life.

Application

Nemco Synthetic-Blend HVI Hydraulic Fluid is ideally suited for piston, gear and vane hydraulic pumps used in industrial, marine, woodlands, construction and other mobile hydraulic systems. It provides minimal fluid friction at low start-up temperatures and maintains optimum oil viscosity at high operating temperatures.

Meets and/or exceeds

- Parker/Denison HF-0, HF-1, HF-2
- AFNOR E48-603
- Bosch Rexroth RD 90220
- Cincinnati Machine P-68, P-69, P-70
- DIN 51524 Part 1 HL (AW 22), and Part 2 HLP
- GM LS-2
- U.S. Steel 126, 1127, 1136
- Eaton Vickers I-286-S, M-2950-S



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Typical Characteristics – Synthetic Blend HVI Hydraulic Oils

ISO VG GRADE	HVI 22
Viscosity cSt at 40°C cSt at 100°C	23.6 5.4
Viscosity index	173
Pour point °C (°F)	-51 (-60)
Oxidation stability (hours to 2.0 TAN), ASTM D943	6000+

Physical characteristics shown in the table are typical and may vary slightly.