



ULTRA OIL HYDRO HVI 22-32-46-68-100-150

Product Description and Field of Use:

These are high viscosity index hydraulic oils formulated with quality paraffinic base oils and oxidation, corrosion and rust preventive additives. Recommended for use in construction machines, presses, movable construction equipment, plastic injection and drawing machines, air compressors, all industrial and movable hydraulic systems.

Properties and Benefits

- Provides very good protection against corrosion, foaming and sludge formation.
- Suitable for use at all temperatures due to its high viscosity index.
- It can be used safely in the hydraulic system due to its easily filterable features.
- Resistant to high temperatures and oxidation.
- Compatible with sealing elements.

Specifications and Approvals Fulfilled

DIN 51524 PART III; ISO 11158 HV; PARKER (DENISON) HF-0, HF-1, HF-2; EATON (VICKERS) I-286-S; EATON (VICKERS) M-2950-S; CINCINNATI MACHINE P-68, P-69, P-70; JCMAS P041; CETOP RP 91 H

Typical Properties*

| TYPICAL VALUES | | | | | | | | |
|----------------------|-------------------|-------------|-----------|-----------|-----------|-----------|---------|---------|
| TEST | UNIT | TEST METHOD | HVI 22 | HVI 32 | HVI 46 | HVI 68 | HVI 100 | HVI 150 |
| Density, @15 °C | g/cm ³ | ASTM 4052 | 0.876 | 0.877 | 0.878 | 0.886 | 0.890 | 0.901 |
| K. Viscosity, @ 40°C | cSt | ASTM D 445 | 19.8-24.2 | 28.8-35.2 | 41.4-50.6 | 61.2-74.8 | 90-110 | 135-165 |
| Viscosity Index | | ASTM D 2270 | 151 | 151 | 151 | 151 | 151 | 151 |
| Flashing Point | °C | ASTM D 92 | 212 | 218 | 220 | 225 | 229 | 232 |
| Pour Point | °C | ASTM D 97 | -39 | -36 | -36 | -33 | -30 | -27 |

* Values may vary between productions.

Storage Conditions

It should be protected from direct sunlight and precipitation. Packages should be stored in a sealed way, under a porch or in indoor areas. Storage temperature should be between (+5)-(+40)°C.

Health and Safety Information

In the light of the available information, this product is not expected to create a negative impact on human health when used in the intended location and under the specified conditions of use. Used product should not be incinerated or poured into soil and waste water channels. Waste oils should be sorted into categories according to Regulation on Control of Waster Oils, and disposed of via licensed enterprises having the properties defined in this regulation. Please read the Material Safety Sheet when necessary.