

HYDRO HVI ISO-VG 46



Description

BENZOL® Hydro HVI ISO-VG 46 is a high-quality, high viscosity index anti-wear hydraulic oil. It is specially developed for applications subjected to a wide range of temperature or where small viscosity change with fluctuating temperature is required. It provides excellent anti-wear property, rust & corrosion protection, water separation & air-release properties and hydrolytic stability to reduce breakdowns and help improve production capacity.



Applications

BENZOL® Hydro HVI is recommended for all kind of hydraulic systems operating under high pressure & Hydraulic systems of excavators, cranes and hydrostatic drives subjected to most severe outdoor operating conditions. Also, Marine cargo winches and steering systems, Off-road construction, mining and marine equipment.

Specifications and Approvals

DIN 51524 Part 3 HVL, Vickers M-2950S, I-286, Denison HF1, Cincinnati P-69.

Technical Specifications

Performance Benefits

- Protects against rust and corrosion.
- Excellent low-temperature properties for cold start-ups.
- Good demulsibility ensuring rapid water separation
- High shear stability to provide extended pump performance.
- Applications requiring extended oil change intervals.
- Excellent service over a wide temperature range.
- Excellent shear stability.
- Excellent oxidation and thermal stability.

Product/Part Number

HV07001333	4 x 5	HV07001323	4 x 4
HV07001173	12 x 1	HV07001173	24 X 1
HV07001513	1 x 20	HV07001533	1 x 25
HV07001563	1 x 200	HV07001573	1 x 208
HV07001603	1x1000		

Tests	Method	Results
Appearance	Visual	Clear & Bright
Water	Hot Plate	Nil
Color	D-1500	L 0.5
Density @ 15 °C, kg/L	D-1298	0.8575
Viscosity @ 100 °C, cSt	D-445	7.74
Viscosity @ 40 °C, cSt	D-445	46
Viscosity index	D-2270	136
Flash Point, °C (COC)	D-92	222
Pour Point, °C	D-97	-36
Foam SEQ.I/II/III	D-892	0/0/0

HEALTH AND SAFETY

This product is not expected to have adverse health implications when used for its intended application. For detailed information on safe handling of this product, refer to its Material Safety Data Sheet (MSDS). To obtain an MSDS on this or any other BENZOL products, please visit www.benzollubricants.de

