

# HYDRO HVI ISO-VG 32



## Description

**BENZOL®** Hydro HVI ISO-VG 32 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 HVLP, Vickers M-2950S, I-286, Denison HF0, HF1, HF2, Cincinnati P-68.

## Technical Specifications

| Tests                   | Method    | Results        |
|-------------------------|-----------|----------------|
| Appearance              | Visual    | Clear & Bright |
| Water                   | Hot Plate | Nil            |
| Color                   | D-1500    | L 0.5          |
| Density @ 15 °C, kg/L   | D-1298    | 0.8550         |
| Viscosity @ 100 °C, cSt | D-445     | 6.07           |
| Viscosity @ 40 °C, cSt  | D-445     | 32             |
| Viscosity index         | D-2270    | 138            |
| Flash Point, °C (COC)   | D-92      | 218            |
| Pour Point, °C          | D-97      | -39            |
| Foam SEQ.I/II/III       | D-892     | 0/0/0          |

## 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

|            |         |            |         |
|------------|---------|------------|---------|
| HV05001333 | 4 x 5   | HV05001323 | 4 x 4   |
| HV05001173 | 12 x 1  | HV05001173 | 24 X 1  |
| HV05001513 | 1 x 20  | HV05001533 | 1 x 25  |
| HV05001563 | 1 x 200 | HV05001573 | 1 x 208 |
| HV05001603 | 1x1000  |            |         |

## 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](http://www.benzollubricants.de)

