# SARMAX HYDRAULIC OILS VHVI 46

Last Updated: 09.01.2025
Product Code: HY0039

SARMAX HYDRAULIC OILS VHVI 46 is a premium, very high viscosity index hydraulic oil manufactured from a blend of solvent refined mineral oil, ultra-shear viscosity index improver and a multipurpose additive system to enhance the temperature and viscosity characteristics in use.

## APPLICATION

For use in both closed and total loss systems where a high viscosity index lubricant is required, and particularly suitable for use in systems subjected to extremes of operating conditions and temperatures, from cold stores at around -20oC to industrial systems working at elevated temperatures in excess of 180oC.

## BENEFITS

- Benefitting from a four-fold additive treatment which gives anti-wear, anti-oxidation anti-corrosion and low foam properties.
- Special viscosity index improver reduces variation in viscosity with changes in temperature.
- Provides heat protection and resistance to thermal degradation over a wide operating temperature range.
- Suitable for use with almost all types of equipment.

## PERFORMANCE PROFILE

- DIN 51524 Part 2 and 3 (HVLP)
- ISO 11158 (HV)
- ASTM D6158 (HV)
- Fives-Cincinnati P-68 (ISO 32 – HV)
- Fives-Cincinnati P-69 (ISO 68 – HV)
- Fives-Cincinnati P-70 (ISO 46 – HV)
- Parker-Denison HF-2, HF-1, HF-0 (HV) (ISO 32, 46, 68)
- Sperry-Vickers 35 VQ25
- Eaton E-FDGN-TB002-E
- GB 11118.1-2011 (L-HV, L-HS) (ISO 15, 22, 32, 46)
- AIST 126, 127 (ISO 32, 46, 68)
- SEB 181222 (ISO 22, 32, 46, 68 and 100)

## TYPICAL PROPERTIES

| | |
|---|---|
| ISO Viscosity @ 40°C | 46 |
| ISO Viscosity @ 100°C | 8.5 |
| Density @ 15°C | 0.857 |
| Viscosity Index (Typical) | 164 |
| Flash Point (COC) °C | 200 |

## HEALTH & SAFETY

Please refer to the Safety Data Sheet, freely available, for product handling and disposal advice. Please note that the SDS includes handling, storage, health and disposal information which should be passed on to anyone else who comes in contact with our product. Additional advice can also be obtained from your local representative.

NOTE: Read and understand all precautions on container labels before using this product.

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