

ENEOS HYDRAULIC HVLP SERIES

High Viscosity Index Hydraulic System Fluids

ENEOS HYDRAULIC HVLP SERIES are high performance hydraulic system fluids of high viscosity index, suitable for systems where heavy duty operations exist of variable temperature conditions and for the hydraulic systems in which low viscosity changes are desired within wide range of operating temperatures. They provide high performance and good lubricity in pumps and other hydraulic system equipment through use of high performance anti-wear and thermal stability additives. Reduce pumping wear to a minimum and ensure extra-long equipment life. These oils are suitable for the lubrication of heavy duty machinery, where high viscosity temperature stability is required.

FEATURES & BENEFITS

- Long equipment life due to protection of properties at the high temperature.
- Good protection of pieces of hydraulic system due to high anti-wearing properties.
- High thermal stability.
- High filterability.
- Good air and water releasing properties.
- Very low foaming tendency.
- Good corrosion protection in the system.
- High oxidation stability.

PERFORMANCE LEVELS

- DIN 51524/2, 51524/3 (HVLP)
- Vickers M-2952-S (35VQ 25) & I-286-S
- AFNOR NF E 48-603(HM)
- Denison HF-0, HF-1, HF-2
- Bosch Rexroth RE 90220
- CINCINNATI Machine P-68, P-69, P-70
- ASTM D 6158 Type HV
- GM LS2
- ISO 11158, ISO 6743-4 (HV)

APPLICATIONS

- Zinc based anti-wearing additives used in the formulation of ENEOS HYDRAULIC HVLP SERIES, are suitable for most of hydraulic pumps.
- ENEOS HYDRAULIC HVLP SERIES hydraulic system fluids are compatible with all kind of impermeability components and paints that are normally not affected by mineral based oils.

PACK SIZES

15Kg Tin, 20L Pail, 200L Drum and 1000L IBC

ADDITIONAL INFORMATION

Storage

Packages should be stored in cool, well-ventilated and covered areas; and their taps should be tightly closed and sealed when not in use.

Packages should not be exposed to direct sunlight and avoid rapid climatic changes.

Ambient temperature should not exceed 60 °C.

Shelf Life

Under the appropriate storing conditions suitable to the declared circumstances, maximum shelf life of the products are two years.

Health and Safety

Based on the available information, ENEOS HYDRAULIC HVLP hydraulic system fluids are not expected to produce adverse effects on health when used for the intended application and aligned with the recommendations provided in the; "Material Safety Data Sheet" (MSDS). MSDS's are available upon request through your sales contact office or representative.

When disposing the used product, physical and chemical properties has to be taken into the consideration, and please follow the regional or national regulations.



TYPICAL PROPERTIES

SAE viscosity grade	32	46	68
Density (20°C), g/cm ³	0.8710	0.8770	0.8785
Flash point (COC), °C	210	220	228
Kinematic viscosity			
(40°C), mm ² /s	32	46	68
(100°C), mm ² /s	6.10	7.99	10.83
Viscosity index	159	157	156
Pour point, °C	-36.0	-36.0	-33.0
TAN, mgKOH/g	0.6	0.6	0.6

Note: The typical properties may be changed without notice. (August 2019)

THE RECOMMENDATIONS OR SUGGESTIONS MADE IN THIS SHEET ARE MADE WITHOUT GUARANTEE OR REPRESENTATION AS TO RESULTS. THE CONTENT OF THIS SHEET IS CORRECT TO THE BEST OF OUR KNOWLEDGE. WE ADVISE THE READER TO CAREFULLY EVALUATE THE PRODUCT CHOICE FOR CRITICAL APPLICATIONS TOGETHER WITH THE SUPPLIER. WE DO NOT ACCEPT RESPONSIBILITY FOR DAMAGE AS A CONSEQUENCE OF INCOMPLETENESS OR NEGLIGENCE AND INACCURACIES IN THIS INFORMATION SHEET. ALL TERMS OF SALE OF THE SUPPLIER CAN BE APPLIED HERE.