



# eni HYDRAULIC H

eni HYDRAULIC H lubricant are high quality anti-wear hydraulic oils for use in circulation systems and in hydraulic circuits. They are obtained from selected paraffinic base stocks and treated with anti-wear, anti-oxidant and anti-rust additives.

## CHARACTERISTICS (TYPICAL VALUES)

HYDRAULIC H		46	68
Viscosity at 40°C	mm <sup>2</sup> /s	46	68
Viscosity at 100°C	mm <sup>2</sup> /s	6.32	8.75
Viscosity Index, Min.	-	102	101
Flash Point COC, Min.	°C	228	228
Pour Point, Max.	°C	-9	-9
Rust Test, (D-665 A&B, 24 hrs.)		PASS	PASS

## PROPERTIES AND PERFORMANCE

- eni HYDRAULIC H oil provide good wear protection thereby prolonging service life of moving parts.
- Have very good oxidation stability.
- eni HYDRAULIC H oil possess high film strength, which helps in minimizing friction and wear.
- High viscosity Index to restrict viscosity changes under operating conditions.
- eni HYDRAULIC H oil possess good water-separating ability and do not form stable emulsions, which can result in loss of lubricating power.
- eni HYDRAULIC H oils have outstanding antifoam properties and capacity to release entrained air rapidly to ensure excellent incompressibility. This property, which is required by hydraulic fluids, prevents any pumping and circulation troubles, and reduces the rate of thermal and oxidation alteration.
- Has good anti-rust properties.
- The oils are compatible with the most common elastomers used with mineral oils (they do not cause swelling and/or marked variations in hardness).

## APPLICATIONS

eni HYDRAULIC H oils are recommended as a fluid media for use in Hydraulic systems and Hydraulic pumps operating under severe conditions. Also recommended for enclosed gear boxes, chain drives, etc which do not require EP type lubricants.

## SPECIFICATIONS

eni HYDRAULIC H oils meet the requirements of the following specifications:  
 - IS 10522 – 1983 (REAFFIRMED 1993)