

# HVX 32

HIGH VISCOSITY INDEX  
HYDRAULIC FLUID

220074/01.12

Rev. 2

## **DESCRIPTION & APPLICATIONS**

HVX are specially recommended for hydraulic systems operating at high pressure and for installations in which there are high temperature variations.

HVX are essentially intended for applications requiring a high viscosity index and high shearing resistance fluid for industrial handling and civil engineering applications.

## **ADVANTAGES**

- Very high natural viscosity index due to the use of synthetic baseoils, by which the viscosity varies only slightly due to changes in temperature.
- Shear strength in service: the viscosity index (VI) remains stable in service.
- Oxidation resistance: provides long operating life.
- Thermal stability at high temperatures: conservation of lubricating properties.
- Resistance to hydrolysis: removes the risk of corrosion of metal components due to the decomposition of additives in the water.
- Excellent filterability
- Low pour point allowing the use at low temperatures.

## **PERFORMANCES**

Satisfies to the following specifications:

CINCINNATI P68(ISO32)/P69(ISO68)/P70(ISO46)

DENISON HF0

DIN 51524 Teil 3 HVLP

Ford M6C 32

ISO 6743 HV

NFE 48603 HV

VICKERS I 286S

VICKERS M2950S

# HVX 32

## ENVIRONMENT, HEALTH & SAFETY

Please consult also the Safety Data Sheet about how to manipulate and to stock the product as well as to learn about the first aid measurements in case of accident.

Elimination after use must be made in conformity with the local rules in force about used oils disposal. When needed, Safety Data Sheet can be obtained upon request.

Conservation of the product: 3 year(s) in closed container and sheltered.

## PROPERTIES

CHARACTERISTICS	UNITS	METHODS	TYPICAL DATA
Specific gravity at 15°C	kg/m <sup>3</sup>	NFT 60101	874
Kinematic viscosity at 40°C	mm <sup>2</sup> /s (cSt)	NFT 60100	32,5
Kinematic viscosity at 100°C	mm <sup>2</sup> /s (cSt)	NFT 60100	7,4
Viscosity index	-	ASTM D2270	200
Flash point	°C	NFT 60118	218
Pour point	°C	NFT 60105	-42
Color	-	-	Yellow

*The average values are given for information only.*