

# HVC 32

MINERAL HYDRAULIC OIL ISO HV, WITH HIGH VISCOSITY INDEX

263059/01.16

Rev. 0

## DESCRIPTION & APPLICATIONS

HVC 32 is a hydraulic fluid developed for equipment and systems where an ISO Class HV is prescribed. The high-quality mineral base oils and additives (including stabilized zinc) will guarantee an outstanding performance under the toughest conditions. The increased viscosity index provides a constant viscosity with changing temperatures. Lubrication of machines will remain optimal.

HVC 32 is ideal for use in:

- Hydraulic applications in industry
- Installations subject to large temperature fluctuations
- Rolling material

## ADVANTAGES

- Oxidation resistancy
- Hydrolysis resistancy due to the stabilised zinc containing additive
- Excellent filtrability
- Low pour point ensures excellent oil fluidity, even under very cold climate conditions.
- High viscosity index

## PERFORMANCES

Satisfies to the following specifications:

ISO 6743 HV  
DIN 51524 Teil 3 HVLP  
DENISON HF2  
VICKERS M2950S  
VICKERS I 286S  
CINCINNATI P68(ISO32)/P69(ISO68)/P70(ISO46)  
US STEEL 127/136  
NFE 48603 HV

# HVC 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
ISO VG	-	-	32
Specific gravity at 15°C	kg/m <sup>3</sup>	NFT 60101	877
Kinematic viscosity at 40°C	mm <sup>2</sup> /s (cSt)	NFT 60100	32
Kinematic viscosity at 100°C	mm <sup>2</sup> /s (cSt)	NFT 60100	6,8
Viscosity index	-	NFT 60136	180
Flash point	°C	NFT 60118	212
Pour point	°C	NFT 60105	-36
TAN (TotalAcid Number)	mg KOH/g	ASTM D 664	0,77

*The average values are given for information only.*