

HVC S

HIGH VISCOSITY INDEX ZINC FREE HYDRAULIC FLUIDS

220078-220090-220091/05.17

Rev. 3

DESCRIPTION & APPLICATIONS

HVC S are zinc free hydraulic oils with a very high viscosity index.

HVC S are specially recommended for all systems in which there are high temperature variations.

HVC S can be used in all hydraulic systems with vane pumps, piston pumps, worm or toothed and wheel pumps.

ADVANTAGES

- High thermal stability
- Resistance to oxidation
- High filterability level in presence of water due to the zinc addition
- Resistance to hydrolysis
- Low pour point
- High viscosity index (multigrade effect)
- Very high resistance to shearing, permitting long periods between fluid changes and conservation of the viscosity index.

PERFORMANCES

Satisfies to the following specifications:

CINCINNATI P69(ISO68)

DENISON HF0

DIN 51524 Teil 3 HVLP

ISO 6743 HV

NFE 48603 HV

VICKERS I 286S

VICKERS M2952S

HVC S

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	-	-	46	68	100
Kinematic viscosity at 40°C	mm²/s (cSt)	NFT 60100	46	71	101
Kinematic viscosity at 100°C	mm²/s (cSt)	NFT 60100	9,6	12,2	16,9
Viscosity index	-	NFT 60136	180	180	180
Flash point	°C	NFT 60118	210	216	226
Pour point	°C	NFT 60105	-39	-36	-33

The average values are given for information only.