

HVB

HIGH VISCOSITY INDEX HYDRAULIC
FLUID ISO CATEGORY HV

220030-220031-220032-220033-220035/01.12

Rev. 1

DESCRIPTION & APPLICATIONS

HVB is intended for hydraulic systems operation at high pressures (> 350 bar) and installations in which there are wide temperature variations.

HVB is essentially intended for applications requiring a high viscosity index fluid for general industrial, handling and civil engineering applications.

ADVANTAGES

- Thermal stability.
- Resistance to oxidation.
- High hydrolytic stability guarantees cleanliness of hydraulic systems and component service life.
- Good filterability.
- Low pour point.
- High viscosity index (multigrade effect)

PERFORMANCES

Satisfies to the following specifications:

DENISON HF2

DIN 51524 Teil 3 HVLP

DENISON HF2

ISO 6743 HV

NFE 48603 HV

SS 155434

VICKERS I 286S

VICKERS M2950S

HVB

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				
			15	22	32	46	68
ISO VG	-	-	15	22	32	46	68
Specific gravity at 15°C	kg/m ³	NFT 60101	860	865	870	875	877
Kinematic viscosity at 40°C	mm ² /s (cSt)	NFT 60100	14,9	23,7	35	48,4	69
Kinematic viscosity at 100°C	mm ² /s (cSt)	NFT 60100	3,9	5,2	6,8	8,6	11,2
Viscosity index	-	NFT 60136	150	150	150	150	150
Dynamic viscosity at -15°C	mPa.s	ASTM D2602	< 500	550	920	1275	2850
Flash point	°C	NFT 60118	138	152	166	192	224
Pour point	°C	NFT 60105	-36	-36	-36	-36	-33
TAN (TotalAcid Number)	mg KOH/g	ASTM D 664	0,26	0,26	0,26	0,26	0,26
Product number	-	-	220030	220031	220032	220033	220035

The average values are given for information only.