HYDRO HVI 15

MINERAL HYDRAULIC OILS ISO HV, WITH HIGH VISCOSITY INDEX

263581/01.17

Rev. 0

DESCRIPTION & APPLICATIONS

HYDRO HVI 15 is specially recommended for hydraulic systems operating at high pressure (higher than 350 bars), and for installations in which there are high temperature variations.

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

HYDRO HVI can also be applied in shock absorbers.

ADVANTAGES

- Thermal stability.
- 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
- High shear stability, maintaining the initial viscosity

PERFORMANCES

Satisfies to the following specifications:

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

HYDRO HVI 15

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	-	-	15
Specific gravity at 15°C	kg/m³	NFT 60101	860
Kinematic viscosity at 40°C	mm²/s (cSt)	NFT 60100	14,9
Kinematic viscosity at 100°C	mm²/s (cSt)	NFT 60100	3,9
Viscosity index	-	NFT 60136	152
Dynamic viscosity at -10°C	mPa.s	ASTM D2602	<500
Flash point	°C	NFT 60118	138
Pour point	°C	NFT 60105	-36
Aniline Point	°C	NFM 07021	99
TAN (TotalAcid Number)	mg KOH/g	ASTM D 664	0,26

The average values are given for information only.