

FLUID L

MINERAL HYDRAULIC FLUID
IOS GRADE HL

220008-220009-220010-220042/08.20

Rev. 2

DESCRIPTION & APPLICATIONS

FLUID L is a hydraulic fluid resisting to oxidation, corrosion and foaming. This oil is particularly recommended for hydraulic systems with low pressure to 150 bar.

FLUID L may also be used for:

- General lubrication and the lubrication of moderately loaded gears in oil bath.
- Lubrication of vacuum pumps, more particularly the viscosity grade ISO VG 100.

ADVANTAGES

- Thermal stability
- Resistance to oxidation
- Filterable remains in the presence of water.
- Filterability DENISON HFO: without water: 100 sec: water: 50% of the permissible maximum
- Highly effective against corrosion of ferrous and non-ferrous metals, especially in humid environments.

PERFORMANCES

Satisfies to the following specifications:

DENISON HF1
DIN 51524 HL
ISO 6743/2 FC
ISO 6743/4 HL
ISO-L DAA
NFE 48603 HL

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.

FLUID L

PROPERTIES

CHARACTERISTICS	UNITS	METHODS	TYPICAL DATA			
ISO VG	-	-	100	150	220	320
Specific gravity at 15°C	kg/m ³	NFT 60101	886	889	897	899
Kinematic viscosity at 40°C	mm ² /s (cSt)	NFT 60100	96,9	139	226	305
Kinematic viscosity at 100°C	mm ² /s (cSt)	NFT 60100	10,4	14	18,8	24,4
Viscosity index	-	NFT 60136	95	97	93	101
Flash point	°C	NFT 60118	254	260	268	283
Pour point	°C	NFT 60105	-27	-18	-15	-15
Aniline Point	°C	NFM 07021	106	109	111	112
Product number	-	-	220008	220009	220010	220042

The average values are given for information only.