HFO 32

Hydraulic oil with enhanced anti-wear additivatie for all-round use

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Rev. 1

DESCRIPTION & APPLICATIONS

HFO 32 is a hydraulic fluid developed for hydraulic systems where ISO class HM is required. This oil is developed with an increased content of anti-wear and anti-oxidant additive. This leads to an optimum protection of hydraulic systems and hydraulic circuits of mobile equipment. HFO 32 can also be used for the lubrication of medium loaded gearboxes. This hydraulic oil is perfectly compatible with other hydraulic oils of type HLP DIN 51524

There are 6 viscosities available within the HFO family: ISO VG 22, 32, 46, 68, 100, 150

ADVANTAGES

- A perfect all-rounder for working in the toughest conditions of pressure and temperature.
- A good thermal stability and high oxidation resistance.
- Excellent filtrability
- Good deaeration and anti-foaming properties.
- A perfect anti-wear performance.

PERFORMANCES

Satisfies to the following specifications:

ISO 6743 HM
DIN 51524 Teil 2 HLP
DENISON HF0
VICKERS M2952S
VICKERS I 286S
CINCINNATI P69(ISO68)/P68(ISO32)
NFE 48600 HM
NFE 48603 HM
NFE 60200 HM
SWEDISH STANDARD SS 15 54 34 Class A

HFO 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/m³	NFT 60101	873
Kinematic viscosity at 40°C	mm²/s (cSt)	NFT 60100	32,8
Kinematic viscosity at 100°C	mm²/s (cSt)	NFT 60100	5,6
Viscosity index	-	NFT 60136	108
Flash point	°C	NFT 60118	222
Pour point	°C	NFT 60105	-30
TAN (TotalAcid Number)	mg KOH/g	ASTM D 664	0,33
Antiwear and EP characteristics	-	FZG test	10

The average values are given for information only.