

FLUID BIO 32

ENVIRONMENTALLY VEGETABLE
BASED HYDRAULIC OIL

220015/12.17

Rev. 1

DESCRIPTION & APPLICATIONS

BIO FLUID is recommended for many types of hydraulic systems with operating temperatures in continuous service until maximum 70 ° C.

BIO FLUID is recommended wherever the environment may be polluted by leaks, loss of oil. This is particularly the case for vehicles and equipment used in agriculture and forestry.

BIO FLUID is compatible with mineral oils, but it is clear that we must avoid mixing them if we want to preserve its ecological character.

ADVANTAGES

- Oiliness: thanks to its environmentally friendly base oils (HETG) and additives FLUID BIO have good anti-wear, extreme pressure and anti-corrosion properties, which ensure outstanding lubrication of equipment, even at high pressure.
- Viscosity-temperature relationship: FLUID BIO has a high viscosity index and natural shear stability which allows very wide usage limits.
- Stability against oxidation and hydrolysis: due to its base and synthetic additives FLUID BIO has a good resistance to oxidation and hydrolysis.
- Biodegradability: thanks to the biological primary biodegradability of > 95% according to standardized test CEC L-33-A-93 and the ultimate biodegradability of > 98% according to standardized test OECD-301-D that minimizes FLUID BIO the polluting effects on the environment by accidental discharge or leakage.

PERFORMANCES

Satisfies to the following specifications:

CEC-L-33 A-93

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.

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PROPERTIES

CHARACTERISTICS	UNITS	METHODS	TYPICAL DATA
ISO VG	-	-	32
Specific gravity at 15°C	kg/m ³	NFT 60101	921
Kinematic viscosity at 40°C	mm ² /s (cSt)	NFT 60100	32,6
Kinematic viscosity at 100°C	mm ² /s (cSt)	NFT 60100	7,7
Viscosity index	-	NFT 60136	220
Pour point	°C	NFT 60105	-24
Biodegradable	%	CEC-L-33-A-93	> 95

The average values are given for information only.