

VITAL FLUID SL 46

Data Sheet

HIGH PERFORMANCE HYDRAULIC FLUID

VITAL FLUID SL 46 is a synthetic hydraulic fluid featuring high resistance to oxidation. It is suitable for medium and severe operations and for high pressure .

VITAL FLUID SL 46 showed better results compared with traditional mineral oil based fluids since its new formula performs higher resistance to oxidation, high viscosity index, low reactivity to water pollution (condensate, leakage from exchangers). The product allows a safer usage particularly in severe conditions such as cold starting, overheating of the system and an high level of filtration too.

CHEMICAL-PHYSICAL CHARACTERISTICS

Appearance	Limpid liquid
Colour	Straw yellow
Specific gravity @ 15.5°C	0.91
Viscosity @ 40°C	46 cSt
Viscosity @ 100°C	9 cSt
Viscosity index	170
Flash Point	220°C min.
Steel corrosion test (IP 135/A)	Pass
Filtration Range Index (Pall/Bensch Method)	104

TRIBOLOGICAL CHARACTERISTICS

FALEX TEST/EP [ASTM 4633]	2000 pounds
REICHERT TEST [STANDARD WEIGHT 1.5 KILO]	16 mm ²

COMPATIBILITY

VITAL FLUID SL 46 is compatible with a wide range of common elastomers, Nitrile, Viton, Teflon and Silicone.

Replacement of a mineral oil based fluid with VITAL FLUID SL 46 does not require particular care with exception of the complete discharge and cleaning of the system.

Only in presence of strong residue of the previous product it is recommended to wash the system with **HOUGHTO FLUSS 32** which will remove dirt; obviously it will have to be discharged.

HEALTH & SAFETY

No toxic or carcinogenic, teratogenic or mutagenic known materials are contained in VITAL FLUID SL 46 such as nitrosamines, phenols, polichlorinated diphenyl, heavy metals, polinuclear hydrocarbons.

STORAGE

VITAL FLUID SL 46 maintains its chemical-physical and technical characteristics if stored in a sheltered place at temperatures ranging -5°C ÷ 40°C for a maximum period of twelve months.

WASTE TREATMENT

VITAL FLUID SL 46 cannot be directly discharged. Follow national or local instructions.

N-02 APPROVAL: P.GHEZZI
