

Technical Data Sheet

HYDRUS STF

Hydraulic Oil

Description

HYDRUS STF is a paraffinic oil with a high viscosity index, especially intended for the use in hydraulic circuits.

Advantages

- > High viscosity index.
- > Low freezing point.
- > Anti-wear properties.
- > Resistance against oxidation.
- > Protection against corrosion.
- > Resistance against foaming.
- > Very quick desaeration.
- > Resistance against water.
- > Good filtrability.

Specifications

HYDRUS STF meets the requirements, made by the manufacturers of hydraulic installations about anti-wear properties for the following brands: AFNOR 48600, ASLE 70-1, 70-2 and 70-3, DAVID BROWN ET 19 and ET 33, DENISON HF-2, DIN 51524 Part 3, VDMA 24318, SPERRY VICKERS M2950-SD and I-286-S3, US STEEL 126-127, etc.

Typical characteristics

Test	Method	Unit	Average result
Class			32
Density at 15°C	D 4052	kg / m ³	869
Viscosity at 40°C	D 445	cSt	32,7
Viscosity at 100°C	D 445	cSt	6,3
Viscosity index	D 2270		147
Pour point	D 6892	°C	-40
Flash point COC	D 92	°C	204
TAN	D 974	g KOH/kg	0,24
Classification	ISO 6743/4		L-HV
Classification	DIN 51524/3		HV-LP

Applications

- > Hydraulic systems, functioning at very variable temperatures and at high pressures.
- > Gear boxes, which require an oil with an increased viscosity index and assuring a mechanical and chemical stability.
- > Regulation systems and hydraulic steering.

The use of this oil allows to reduce the number of necessary qualities.

We reserve the right to alter the general characteristics of our products in order to let our customers benefit of the latest technical evolutions.