

Hydransafe HFA S5

Fire-resistant hydraulic fluid

APPLICATIONS

Hydraulic circuits.

Hydransafe HFA-S5 is a synthetic water-soluble hydraulic fluid concentrate, for use in hydraulic systems that are equipped to operate with fire resistant hydraulic fluid type HFA, water solutions.

Hydransafe HFA-S5 is normally used with a concentration of minimum 3% in demineralized water or tap water.

Hydransafe HFA-S5 is designed for operating in possible fire risk areas, such as in Coke Oven Plants and Rolling Mills in the steel industries, in Mining and in Foundry.

Operating temperature range is from + 5 to 55°C.

Storage temperature of + 5°C to + 50°C is recommended.

SPECIFICATIONS

ISO 6743/4 HFAS

ISO 12922

ADVANTAGES

Hydransafe HFA-S5 produces a single phase, extremely stable, mineral oil free solution once put in a clean hydraulic system in quality water.

Hydransafe HFA-S5 solution has a very low foam tendency and is compatible with the usual type of elastomers used in HFA type of hydraulic installations (ISO 6072 NBR and FKM).

Hydransafe HFA-S5 solution provides excellent protection against corrosion to metals normally used in hydraulic systems (ISO IP 287).

Hydransafe HFA-S5 solution is very resistant to bacterial and fungal growth.

Its durability provides a long lifetime of the solution and reduces maintenance, with service intervals longer than mineral oil-based HFA emulsions (type HFAE fluids).

APPROVALS

Meets the requirements of Hilleader

This lubricant used as recommended and for the application for which it has been designed does not present any particular risk. A material safety data sheet conforming to the regulations in use in the E.C. can be obtained from your local commercial advisor or downloaded at ms-sds.totalenergies.com

TYPICAL CHARACTERISTICS

Properties	Units	Standards	Hydransafe HFA S5
Appearance	-	Visual	Yellow/Brown solution
Density at 15°C	kg/m ³	DIN 51757	1088
Viscosity at 40°C	mm ² /s	DIN 51562	8
3% solution in water:			
- pH	-	DIN 51369	9.2
- Corrosion test	Rating	DIN 51360-2	0

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