



GLOBALSYNTH

GLOBALSYNTH LUBRICANTS PVT LTD

An ISO 9001 : 2015 CERTIFIED COMPANY



Heat Transfer Fluid Speciality Expert

CIN - U23209DL2021PTC382265



GLOBALSYNTH (S) FF FLUSHING & CLEANING FLUID

Globalsynth (S) FF is a dual action flushing and cleaning fluid that will remove potentially harmful contaminants including; old/oxidized residual fluids, carbon deposits, loose debris, water and volatile light ends from your heat transfer system.

Globalsynth (S) FF flushing fluid is formulated to be compatible with Globalsynth HTF and most other heat transfer fluids so that small residual amounts left in equipment will not be a problem.

At some point, a hot oil system may require a system cleanout due to ongoing excessive maintenance and/or operating problems, which cannot be rectified by simply replacing the fluid. In planning a system cleanout, users should consider the following issues:

- Number and location of system drain points
- Time frame available for cleaning or changeover
- Condition and compatibility of existing fluid
- Your manpower to perform the work.

DOSAGE:

For systems, additive-style cleaners such as Globalsynth (S) FF can be added to existing fluids to break down sludge build-up and seamlessly clean systems while running production. These are typically added to your existing fluid at 10 to 15% concentration. It is to be added into the thermic fluid system as you are adding just like thermic fluid and the system make sure that it reaches to main circulation system and does not remain in expansion tank. Products like Globalsynth (S) FF can be left in the system indefinitely, while others are intended for use just prior to a fluid change.

PERFORMANCE BENEFITS

- **Fast and Easy**—Using Globalsynth (S) FF to flush your fouled system is faster than chemical cleaning and requires less downtime. This is because you simply drain the old fluid, add Globalsynth (S) FF and circulate, drain and refill with your new heat transfer fluid.
- **Less Costly**—Globalsynth (S) FF is a key component of a low-cost alternative to chemically cleaning a heat transfer system containing severely degraded or contaminated organic heat transfer fluid.
- **Compatible With New Thermic Fluid**—Globalsynth (S) FF is compatible and miscible with most organic heat transfer fluids, which means less downtime is required for system cleaning.
- **Safety**—Globalsynth (S) FF is a synthetic hydrocarbon with a high flash point and high initial boiling point, making it much safer to use than other cleaning solvents.
- **Effective**—To help you decide on the correct clean-out procedure, our technical expert can help you develop the necessary parameters required to maximize the effectiveness of the flushing process.

PHYSICAL AND CHEMICAL PROPERTIES

Parameter	Unit	Code (ASTM/ISO)	Result
Appearance			Transparent Light Yellow
Odor			Mild Odor
pH			Not applicable
Initial Boiling Point and Boiling Range	°C		280°C estimated value(s)
Operating Range	°C	N/A	180 ° C
Density @ 29.5°C	kg/m ³	ASTM D4052	818
Kin. Viscosity 40°C	mm ² /s (cSt)	ASTM D445	4-6
Flash Point COC	°C	ASTM D92	130
Autoignition Point	°C	ASTM E659	320
Boiling Point at 1013 mbar	°C	NTR	280
Moisture			Negligible

Note: The information given in the typical data does not constitute a specification but is an indication based on current production and can be affected by allowable production tolerances. The right to make modifications is reserved. This edition supersedes all previous editions and information contained..



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