



MUXXOL THERMIC FLUID SYN

PRODUCT DESCRIPTION:

MUXXOL THERMIC FLUID SYN is a synthetic heat transfer fluid and fortified with high performance additives to enhance the performance at higher operating temperatures. This product withstands higher operating temperatures, reduced oxidation and thermal degradation, and free from soot formation. MUXXOL THERMIC FLUID SYN has superior rust preventive properties and it inhibits scaling formation and thus gives better heat transfer performance for longer period. This product is specially suited for systems where heating and cooling cycles are required since it functions effectively at both high and low temperatures and repeated thermal cycles.

FEATURES AND ADVANTAGES:

- Thermally stable and inhibits oxidation.
- Compatible with most seal materials.
- Compatible with most mineral oil heat transfer fluid.
- Suitable for bulk temperatures up to 320°C (600°F).

APPLICATION AREA:

MUXXOL THERMIC FLUID SYN is suitable for all heat transfer systems and thermal heating systems such as industrial process manufacturing. This product has high specific heat and thermal conductivity at all temperatures and, therefore, will give rapid heating and flexibility in a system.

MUXXOL THERMIC FLUID SYN results in longer changeover intervals as a result of high resistance to deposit formation, thermal cracking and excellent oxidation stability.

SPECIFICATION:

PROPERTIES	TEST METHOD	TYPICAL VALUES
Appearance	Visual	Yellow Liquid
Sp.Gravity @ 29.5°C, g/ml	ASTM D 1298	0.861
Kin. Viscosity @ 40°C, cSt	ASTM D 445	20 - 26
Flash Point (COC), °C, min	ASTM D 92	200
Pour Point, °C, max	ASTM D 97	-45
TAN Value, mg of KOH/g, max	ASTM D 974	0.09
Copper Corrosion @ 100° C, 3hrs	ASTM D 130	1a
Fire Point, °C, min	ASTM D92	255
Auto Ignition Temperature , °C	ASTM D 2155	350

HANDLING AND STORAGE:

Handling: Use oil resistant gloves & wear safety goggles.

Storage: Store in a cool, dry, well-ventilated place and away from direct sunlight. Store away from all incompatible materials. Keep containers closed when not in use.

Shelf Life: Three year from the date of manufacture, if the product is stored in the original container, unopened and dry, in a well-ventilated location.

PACKING: MUXXOL THERMIC FLUID SYN is available in 20 ltr 50 ltr and 210 ltr MS/HDPE barrels.

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