ELPRIMO THERM SX2

HIGH PERFORMANCE SYNTHETIC HEAT TRANSFER FLUID

PRODUCT DESCRIPTION:

ELPRIMO THERM SX2 is high performance product intended for service in closed loop heat transfer systems. These fluids are formulated from hydrocracked synthetic base stocks that are resistant to thermal cracking and chemical oxidation. They are very thermally stable and are capable of an extremely long service life without deposit forma-tion or viscosity increase.

This oil has good heat transfer efficiency and it's viscosity is such that it can be pumped readily at both start-up and operating temperatures. It demonstrate specific heat and thermal conductivity that provide more rapid heat dissipation. The flash points of this oil will not decrease significantly in service because of its resistance to thermal cracking at the operating temperatures for which it is recommended.

APPLICATION:

- Heating of domestic and industrial premises
- Production of steam and hot water
- Temperature control for storage bins
- Asphalt plants and terminals
- Continuous chemical preocessing
- Heating of heat treatment baths, autoclaves reaction vessels, furnaces, dies, tunnel driers injection moulding machines, etc…,
- Manufacturing processes (cement works, paper mills timber industry, etc…)
- Maximum Film Temptrature 340 °C
- Maximum Bulk Temperature 320 °C

SPECIFICATIONS & APPROVALS:

- Classified as ISO 6743-12 Family Q
- Meets typically DIN 51522 requirements

FEATURES & BENEFITS:

- High resistance to thermal cracking and decomposition makes these oils free from sludge and coke deposits and minimum interference with heat transfer capability and minimized mainte-nance needs
- Excellent thermal properties results in High heat transfer rates and improved operating efficiency and lower operating costs
- Good thermal and oxidative stability provides long trouble free service life and reduce downtime
- Good low temperature fluidity makes easy starting of cold system

TYPICAL PROPERTIES:

PARAMETERS	UNIT	VALUES
Kinematic Viscosity @ 104°F /40°C	mm2/s	32
Kinematic Viscosity @ 212°F /100°C	mm2/s	TBR
Viscosity Index (min)	-	95
Density @15°C	kg/m³	TBR
Flash Point (min)	°C	210
Pour Point (max)	°C	-15
Ash (Oxid)	%m/m	832
Carbon Residue (Conradson)	%m/m	0.01
Copper Corrosion (3h/100 °C)		Class 1

DISCLAIMER:

The test data provided is not a final specification; rather, it serves as a guideline and may vary within acceptable production tolerances. Bravoil reserves the right to modify this test data. Any updates will supersede previous versions, so please refer to the most recent Technical Data Sheet (TDS).

HEALTH & SAFETY, ENVIRONMENT:

Prolonged and repeated contact with oil may cause skin disorders. Avoid contact. Wash immediately with soap and water. Do not discharge used oil in to drains or the environment. Dispose to an authorized used oil collection point. For further Information on Safety Guidelines please refer to MSDS available on our website www.bravoil.ae

HEALTH & SAFETY:

This product is not likely to present any significant health or safety hazards when properly used in the recommended application and good standards of personal hygiene are maintained. Reference is made to the Safety Data Sheet (SDS) which is available on request via your local sales office or via the internet www.bravoil.ae

PROTECT THE ENVIRONMENT:

Take used oil to an authorized collection point. Comply with local regulation. Do not discharge into drains, soil or water.

STORAGE:

We recommend to store all packages under cover. In case outside storage is unavoidable, drums should be laid horizontally to avoid the possible ingress of water and damage to drum markings. Products should never be stored above 60°C, exposed to hot sun or freezing conditions.