Technical Data Sheet

KYNOS
Powering Performance

KYNOS HITHERM PAG

Heat Transfer Fluids

KYNOS LUBRICATION PRIVATE LIMITED
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KYNOS HITHERM PAG: Glycol based Heat Transfer Fluid.

HITHERM PAG is a glycol-based heat transfer fluid designed for efficient thermal management in various industrial applications. It offers excellent heat transfer properties and thermal stability, making it suitable for both high and low temperature operations. This fluid is non-toxic, biodegradable, and compatible with a wide range of materials, ensuring safe and effective performance in heat exchange systems.

It is fully compatible with most glycol-based heat transfer fluids. Its proprietary formulation is far more oxidatively stable then competitive glycol-based heat transfer fluids such as UCON-500 and will provide countless hours of trouble-free service even in the most demanding applications.
Along with a low odour non- toxic/non-hazardous formulation, it does not require any special health and safety warnings or disposal procedures. And is no compatible with conventional mineral oil-based heat transfer fluids and PAO's.

Applications

- Used in heat exchangers and chillers in Industry for efficient thermal management.
- Employed in heating, ventilation, and air conditioning systems to regulate temperature in Industries.
- Suitable for Industrial machinery applications requiring non-toxic and safe heat transfer fluids.

Benefits

- Excellent thermal efficiency and stability.
- Long Oil Life.
- Outstanding thermal and oxidation stability.
- Prevents from sludge and deposits.
- Clean operation.
- Protects from rust and corrosion.

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Typical Performance Data

Properties	Test Method	HITHERM PAG 46
Density @ 20 °C, g/ml	ASTM D-1298	0.98
Base Oil Type	ASTM D-7226	PAG
Viscosity @ 40 °C, mm2/s	ASTM D-445	46
Viscosity @ 100 °C, mm2/s	ASTM D-445	9.2
Flash Point, °C Minimum	ASTM D-92	225
Pour Point, °C Max	ASTM D-97	- 45
Auto-Ignition Point, °C	ASTM D-92	325
Carbon Residue, by % mass	ASTM D-189	0.007
Copper Corrosion 24 hrs	ASTM D-130	1a
Average molecular weight	ASTM D-2503	320
Distillation range, °C 10%	ASTM D-2887	371
Distillation range, °C 90%	ASTM D-2887	517

*All performance data on this Technical Data Sheet are indicative only and may vary during production.