

# Balmerol® PROTOTHERM

Heat Transfer Fluid

Product Data Sheet

## Product Description

BALMEROL PROTOTHERM is superior quality heat transfer fluid, blended from highly refined, high viscosity index base oil and fortified with selective additives. The product has outstanding thermal stability for use in wide temperature ranges, both in closed and open heat transfer systems. BALMEROL PROTOTHERM provides the following benefits : Excellent resistance to thermal cracking and sludge formation, Good oxidation stability, Free from toxicity and obnoxious odour, Long trouble free service life.

## Applications

BALMEROL PROTOTHERM is recommended for use in open and closed liquid phase heat transfer system with bulk oil temperature up to 300°C. The product is suitable for direct and secondary heating in conventional heat transfer operations in plastics, textiles, pharmaceutical, chemical and processing industries.

## Availability

BALMEROL PROTOTHERM is normally available in drum and pail.

## Typical Data

BALMEROL PROTOTHERM (Heat Transfer Fluid)					
No	Characteristics	Unit	Method	Spesification	
1	Appearance	--	Visual	Clear & Bright	Clear & Bright
2	Colour	--	ASTM D 1500	L 1.0	L 1.0
3	Kinematic Viscosity @ 40°C	cst	ASTM D 445	32	46
4	Kinematic Viscosity @ 100°C	cst	ASTM D 445	5.91	7.53
5	Viscosity Index	--	ASTM D 2270	129	129
6	Flash point, COC	°C	ASTM D 92	230	230
7	Pour point	°C	ASTM D 97	(-) 6	(-)6
8	Copper strip corrosion @ 100 deg C for 3 hrs	--	ASTM D 130	1b	1b

## Health and Safety

BALMEROL PROTOTHERM 32 is not expected to produce adverse effects on health when used for the intended application and the recommendations provided in the Safety Data Sheet (SDS) are followed.

For further information, contact:

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