



# TRUST THERMAL

Trust thermal are series of heat transfer mineral oil made from high-stability base oils and a special additive package that enhances the lubricant's resistance to oxidation and to thermal decomposition

## APPLICATION

- Trust thermal is suitable for closed systems where temperature does not exceed 320°C.
- Can also be used in open systems where average temperature does not exceed 180°C.
- It is suitable for rapid cooling of metals (quenching oil) in heat-treating applications.

## PERFORMANCE/SPECIFICATION

- ISO: 6743-12 Family Q

## BENEFITS:

- It reduces the chances of pump cavitation, prevents high pressure in closed systems and minimizes exhaust losses in open systems.
- With the special additives used, it provides excellent resistance to oxidation and thermal decomposition.
- Extend oil lifespan and improved heat transfer characteristics.
- The low viscosity of trust thermal allows excellent fluidity, and heat transfer over a wide range of temperatures.
- Compatible with other similar heat transfer oils.

## TYPICAL CHARACTERISTICS

TEST	UNITS	ASTM TEST METHOD	RESULTS	
			THERM32	THERM46
ISO GRADE	-	-	THERM32	THERM46
Appearance			C&B	C&B
Kinematic Viscosity@40°C	mm <sup>2</sup> /s	D445	31.2	45.4
Kinematic Viscosity@100°C	mm <sup>2</sup> /s	D445	5.27	6.69
Viscosity Index		D2270	98	98
Density@15°C	Kg/m <sup>3</sup>	D1298	0.872	0.879
Pour Point	°C	D97	-12	-15
Flash point	°C	D92	210	223

\*\*\*Some variations in Product typical characteristics should be expected during manufacturing

PACK SIZE: 25LITRES, 205LITRES AND BULK

HEALTH & SAFETY: This product is not classified as hazardous under the E C Dangerous Substances and preparations directives. It does not require any special care other than the normal practices for handling petroleum products.