Tarmond Thermo

HEAT TRANSFER OILS

Product Description:

Tarmond Thermo are high-performance heat transfer oils designed for use in closed-loop and circulating systems, operating at temperatures up to 315 °C. They provide excellent oxidation resistance and thermal stability, ensuring efficient heat transfer. The oils are resistant to thermal cracking, leading to minimal residue formation. They maintain good fluidity at low temperatures. Recommended for reactors, distillation and polymerization systems, dryers, heat exchangers, and other industrial heat recovery processes.

Benefits:

- Long-life products for maximum economy
- Excellent circulation efficiency and thermal stability
- High resistance to oxidation and protects against corrosion
- Extremely low coking
- Have high heat transfer properties and thermal permeability at all temperatures
- Minimizes residue formation and provides clean systems

Meets the Specifications:

ISO 6743-12 Q; DIN 51522

Please check your owner's manual for the manufacturer's recommended oil viscosity grade and API classification and approvals.

Technical Data:

Tarmond THERMO	**Test Method**	**32**	**46**
Colour	Visual	Clear/Yellowish Brown	Clear/Yellowish Brown
Density at 20 °C, gr/cm³	ASTM D 1298	0.870	0.874
Viscosity at 40 °C, cSt	ASTM D 445	32	46
Pour Point, °C	ASTM D 97	-34	-33
Flash Point, °C	ASTM D 92	220	223
Boiling Point, °C	DIN 51582	> 350 °C	> 350 °C
Working Temperature of Oil Film		320 °C	320 °C
Heat Transfer Coefficient, W/m*K		0.12	0.12

Above values are the typical values of the products and may vary with each batch.