HEAT TRANSFER OIL

Outstanding Resistance to Oxidation
Ideal for Use in Asphalt and Chemical Heating Systems

MARTIN LUBRICANTS

DESCRIPTION

Gard™ Heat Transfer Oils are designed for use in industrial heating systems where fuel oil, used motor oil, gas, or electricity is used to heat a fluid and the fluid then transfers heat to the designated material. Typical applications would include heating of asphalt and process chemicals for use in industrial applications and chemical plants.

Gard Heat Transfer Oil is made with premium quality highly refined petroleum base stocks and special thermal stability additives and is blended for long service life with high resistance to oxidation. This product has excellent low temperature properties for outdoor use in cold weather.

BENEFITS

- High thermal stability
- Strong oxidation inhibitors
- Resists oil thickening
- Excellent heat transfer characteristics
- Outstanding high temperature service life

APPLICATION

- Asphalt and chemical heating systems
- Service life depends on the maximum operating temperature, the metallurgy of the circulating system, and contaminants that build up in the oil

TYPICAL PROPERTIES	METHOD	ISO 32	ISO 46	ISO 68	ISO 100
Color, ASTM	D-1500	L 1.0	L 1.0	L 1.0	L 1.0
API Gravity	D-4052	32.9	31.8	31.9	31.6
Viscosity, cSt at 40°C	D-445	32.5	46.1	67.3	99.8
Viscosity, cSt at 100°C	D-445	5.6	7.0	9.3	12.3
Viscosity Index	D-2270	108	107	116	115
Flash Point, COC °C	D-92	225	239	261	282
Flash Point, °F	D-92	437	462	501	540
Pour Point, °C	D-97	-45	-40	-37	-38
Pour Point, °F	D-97	-49	-40	-35	-36

NOTE:

The information on this Product Data Sheet is believed to be accurate and is typical of current production. Specifications are subject to change without notice. For additional qualifications, please contact Martin Lubricants Technical Service Department.

Health And Safety Information   See separate Safety Data Sheets available on request.

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