

INDUSTRIAL HEAT TRANSFER OIL

Premium Mineral Technology

## THERMO-LUBE 32

### PRODUCT DESCRIPTION:

THERMO-LUBE heat transfer oils are high performance products intended for use in closed indirect heating installations. They are recommended for use in cold-oil sealed, indirect heating and cooling systems in all kinds of industrial processes.

THERMO-LUBE heat transfer oils are formulated from highly refined base stocks that are resistant to thermal cracking and chemical oxidation. They are very thermally stable and are capable of an extremely long service life without deposit formation or viscosity increase.

THERMO-LUBE heat transfer oils have good heat transfer efficiency and their viscosities are such that they can be pumped readily at both start-up and operating temperatures. They demonstrate specific heat and thermal conductivities that provide more rapid heat dissipation. The flash points of these oils will not decrease significantly in service because of their resistance to thermal cracking at the operating temperatures for which they are recommended.

### Features:

- Formulated with premium base oil technology
- Noncorrosive, low odor level, excellent seal compatibility
- Excellent thermal and oxidation stability

### Applications:

THERMO-LUBE heat transfer oils should be used only in systems with forced circulation. Systems that depend on convection for circulation of the heat transfer medium do not provide a rapid enough flow to prevent local overheating and rapid deterioration of the oil. Further, these oils are not recommended for use in open systems where hot oil is exposed directly to the air. If they spray or escape from leakage points, hot THERMO-LUBE oils may spontaneously ignite.

### Typical Properties:

ISO VG,	32
cSt @ 100°C	5.5
cSt @ 40°C	31.6
Viscosity Index, ASTM D2270	101
Pour Point, °C, ASTM D97	-27
Flash Point, COC, ASTM D92	233