



ISO-9001 Registered Quality System.
ISO-21469 Compliant.

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PRODUCT DATA

LUBRIPLATE HTO

**NSF International H1/HT1 Registered*

DESCRIPTION

LUBRIPLATE HTO is a highly refined mineral-oil based heat transfer fluid designed for use up to 600°F (316°C) in closed-loop systems. LUBRIPLATE HTO has a low pour point that provides easy start up in cold environments.

APPLICATIONS

Lubriplate HTO is ideal for closed-loop heat transfer thermal fluid systems commonly found in:

- ⇒ Food processing
- ⇒ Textile processing
- ⇒ Plastic and Rubber manufacturing
- ⇒ Paper production
- ⇒ Asphalt production
- ⇒ Refineries
- ⇒ Industrial Laundries
- ⇒ Roofing

ADVANTAGES

- ⇒ Excellent thermal stability and low volatility providing longer service life.
- ⇒ 600°F (316°C) maximum operating temperature.
- ⇒ 650°F (343°C) maximum film temperature.
- ⇒ Low viscosity and pour point for easy start up.
- ⇒ NSF H1/HT1 Food Grade Registered.
- ⇒ Environmentally friendly, non-toxic/non-hazardous.
- ⇒ Includes LUBRIPLATE's No-Charge Oil Analysis Program

PACKAGING AVAILABLE

5 Gallon Pail

55 Gallon Drum

275 Gallon Passport Bin

Part No.

L0759-060

L0759-062

L0759-072

***NSF International H1/HT1 Registration No.**

172953

**Registered H1/HT1 by NSF International for use in food processing facilities as a lubricant or anti-rust agent on equipment in which there may be incidental contact involving the lubricated part and the edible product.*

STORAGE RECOMMENDATIONS

- ⇒ Products should be stored between 40°F-120°F
- ⇒ Products should be stored in a dry covered environment
- ⇒ Products should not be stored in warm, direct sunlight
- ⇒ Improper storage conditions can significantly alter the shelf life of the product. Such conditions would include temperature, moisture, open containers, etc.



Nonfood Compounds
Program Listed H1, HT1
172953
ISO 21469 Certified

Typical Test Data:

PHYSICAL AND THERMAL PROPERTIES		
Test Data	HTO Metric	HTO Imperial
Appearance: Clear and bright nearly odorless liquid		
Viscosity - ASTM D445		
cSt at 40°C/104°F	21.8	
cSt at 100°C/212°F	4.3	
Density - ASTM D1298	Kg/m ³	Lb/ft ³
40°C/104°F	862	53.81
Vapor Pressure - ASTM D2879	kPa	Psi
40°C/104°F	0	0
205°C/400°F	3.93	0.57
Thermal Expansion Coefficient@ 40C	.00048 °C ⁻¹	.00027 °F ⁻¹
Thermal Expansion Coefficient @ 20C	.00047 °C ⁻¹	.00026 °F ⁻¹
Average Molecular Weight	345	
TEMPERATURE RATINGS		
Maximum Bulk/Use Temp	315°C	600°F
Maximum Film Temp	343°C	650°F
Pour Point - ASTM D97	-42°C	-43°F
SAFETY DATA		
Flash Point - ASTM D93	186°C	368°F
Flash Point - ASTM D92	210°C	410°F
Fire Point - ASTM D92	255°C	437°F
Autoignition - ASTM E-659-78	355°C	671°F