



# OPTI-THERM<sup>®</sup> PM HEAT TRANSFER FLUID

NON-FOULING, NON-TOXIC FOR CLOSED-LOOP HEATING TO 600°F

**GOOD!**

OPTI-THERM<sup>®</sup> PM Heat Transfer Fluid is rated for optimal service range from 150°F to 600°F. It is highly efficient, thermally stable and cost effective. It is a completely non-toxic NF/USP grade white mineral oil, and is NSF HT1 rated for incidental food contact. Unlike conventional heat transfer fluids, it will not cause hard carbon formation on heated surfaces especially electrically heated oil units normally used in our industry. UL Recognized.



Nonfood Compounds  
HT1 Registered

## 2 FORMULAS

PART NO.	FORMULA	SIZE	QUANTITY PRICES	
			1	2+
EPM0405	TECHNICAL GRADE	5 GAL.	\$135.00 ea.	\$120.00 ea.
EPM0455		55 GAL.	\$1,050.00 ea.	\$995.00 ea.
PM0605	NSF HT1 RATED	5 GAL.	\$150.00 ea.	\$135.00 ea.
PM0655		55 GAL.	\$1,190.00 ea.	\$1,125.00 ea.

Approx. Shipping Weights: 5 Gal. = 40 lbs. / 55 Gal. = 440 lbs.

## - FEATURES -

- Highly efficient heat transfer to 600°F.
- Low viscosity requires less energy to pump it. Uses lower horsepower pumps.
- Excellent BTU/GPM capabilities.
- Stable Non-carbonizing, Non-corrosive.
- Will not cause hard carbon formation on heated surfaces.
- Completely Non-toxic. NSF HT1 rated for incidental food contact.
- Colorless, tasteless & odorless.
- Non-irritating to skin and eyes.
- High flash (340°F) & flammability (690°F) points.
- Insoluble with water.
- Contains virtually no aromatics, heavy metals, or compounds of sulfur or nitrogen.
- Disposal: can be combined with other used or contaminated lube oils for recycling. Check your local, state, or federal regulations first.

**Note:** We strongly recommend that copper or copper-bearing materials **not** be used in hot oil systems. Copper, when in contact with hot fluid and air, will act as a catalyst causing the fluid to oxidize and degrade **much** more quickly.

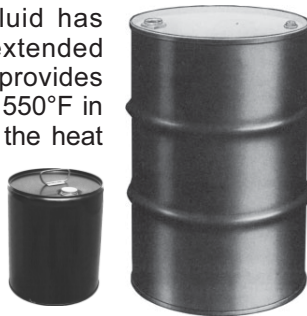


# OPTI-THERM<sup>®</sup> XR HEAT TRANSFER FLUID

OXIDATION RESISTANT, NON-FOULING, LONGER LASTING FORMULA

**BETTER!**

OPTI-THERM<sup>®</sup> XR Heat Transfer Fluid has substantial sludge resistance and extended service life. This zero-pressure fluid provides precise, uniform temperature control to 550°F in closed-loop thermal oil systems where the heat transfer fluid is more than occasionally exposed to air. It is comprised of a unique high-stability base plus high-performance oxidation inhibitor/stabilizer. Performance is particularly impressive under the same grueling conditions that quickly cause severe oxidation, and sludge formation in conventional heat transfer fluids. XR is NSF HT1 rated for incidental food contact.



Nonfood Compounds  
HT1 Registered

## 2 FORMULAS

## - FEATURES -

- Will not oxidize or form sludge, even with prolonged contact with air.
- Highly efficient heat transfer to 550°F.
- Low viscosity requires less energy to pump it. Uses lower horsepower pumps.
- Excellent BTU/GPM capabilities.
- Stable Non-carbonizing, Non-corrosive.
- Will not cause hard carbon formation on heated surfaces.
- Completely Non-toxic. NSF H1 rated for incidental food contact.
- Colorless, tasteless & odorless.
- Non-irritating to skin and eyes.
- High flash point (350°F).
- Insoluble with water.
- Contains virtually no aromatics, heavy metals, or compounds of sulfur or nitrogen.
- Disposal: can be combined with other used or contaminated lube oils for recycling. Check your local, state, or federal regulations first.

LASTS UP TO TWICE AS LONG AS OPTI-THERM<sup>®</sup> PM

PART NO.	FORMULA	SIZE	QUANTITY PRICES	
			1	2+
EXR0305	TECHNICAL GRADE	5 GAL.	\$165.00 ea.	\$150.00 ea.
EXR0355		55 GAL.	\$1,295.00 ea.	\$1,225.00 ea.
XR0505	NSF HT1 RATED	5 GAL.	\$180.00 ea.	\$165.00 ea.
XR0555		55 GAL.	\$1,415.00 ea.	\$1,335.00 ea.

Approx. Shipping Weights: 5 Gal. = 40 lbs. / 55 Gal. = 440 lbs.



## PLASTIC PROCESS EQUIPMENT, INC.

8303 CORPORATE PARK DRIVE  
MACEDONIA, OHIO 44056  
216-367-7000 • FAX: 216-367-7022  
TOLL FREE: 800-321-0562

6385 MONTESSOURI STREET  
LAS VEGAS, NEVADA 89113  
702-433-6385 • FAX: 702-433-6388  
TOLL FREE: 800-258-8877

www.ppe.com

e-mail: sales@ppe.com

Toll Free: USA, Canada & Mexico

**800-362-0706**

Order Fax: 800-223-8305