



Mobiltherm 43
Mobil Industrial, United States

Premium Heat Transfer Oil

Product Description

Mobiltherm 43 is a formulated paraffinic type fluid designed for closed heat transfer systems operating at higher bulk temperatures including demanding open systems. It has a high specific heat and thermal conductivity to provide more rapid heating and greater flexibility in a system.

Features and Benefits

When used as recommended, Mobiltherm 43 will provide the following benefits and advantages:

- Resistant to thermal cracking - performs well up to 315.5C(600F)
- Excellent Oxidation Stability - Minimizes sludge and acid formation, extends product life
- Low Temperature Performance - Permits easy cold weather starting in temperatures down to -6.7C(20F)
- High Heating Efficiency - High specific heat and thermal conductivity help keep fuel costs down
- Low Volatility - Reduces potential for pump cavitation

Applications

Mobiltherm 43 is recommended for the following applications:

- Asphalt and cold tar storage, transport and compounding
- Dyes, chemicals and pharmaceuticals manufacture
- Lumber drying
- Paper and paperboard production
- Petroleum products processing
- Plywood laminating
- Rubber and plastics molding, extrusion, curing, and calendaring
- Sheet metal laminating
- Solar energy heat transfer and storage
- Textiles (hot calendaring)
- Tiles, linoleum, and roofing products
- Varnish and resins manufacture

Typical Properties

Mobiltherm 43	
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Product Code	68036-3
CMCS Code, drum	98GB07
Specific Gravity	0.8772
Pour Point, C (F), max, ASTM D 97	-12(10)
Flash Point, C(F), min	198(390)
Viscosity, ASTM D 445	
cSt at 40C	30.6
cSt at 100C	5.1
SUS at 100F	158
SUS at 210	43.3
Auto-Ignition Temperature, C(F)	354(670)
Color, ASTM D 1500	0.5

Health and Safety

Refer to the Material Safety Data Sheet for safety and health information

Material Safety Data Sheets can be obtained from your local distributor; via the Internet on <http://www.msds.exxonmobil.com>.

For additional technical information or to identify the nearest U.S. Mobil supply source, call 1-800-662-4525.

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Typical Properties are typical of those obtained with normal production tolerance and do not constitute a specification. Variations that do not affect product performance are to be expected during normal manufacture and at different blending locations. The information contained herein is subject to change without notice. All products may not be available locally. For more information, contact your local ExxonMobil contact or visit www.exxonmobil.com

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