

Mobiltherm 43

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 calendering
- Sheet metal laminating
- Solar energy heat transfer and storage
- Textiles (hot calendering)
- Tiles, linoleum, and roofing products
- Varnish and resins manufacture

Typical Properties

Mobiltherm 43

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)



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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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