



TRON

L U B R I C A N T S

 **ULTRON**

 **MEGATRON**

 **POWERTRON**

Technical Data Sheet

Megatron Heat Transfer Oil Range

Specifications, Performance Standards & Recommendations

This range is recommended for the use in heat transfer systems where fuel oil, gas or electricity is used to heat a fluid, which then transfers the heat to the point of application. Can be used for used in both closed and open heat transfer systems with forced circulation where a mineral- type heat transfer fluid is required. Copper and copper alloys should not be used in heat transfer systems with a hydrocarbon fluid unless air (oxygen) is excluded from contact with the fluid by hermetic sealing and/ or an inert gas “blanket”.

NOTE FOR OPEN SYSTEMS: Due to oxidation which is increased in open systems due to the exposure to oxygen, the life of any mineral oil, in any open system declines rapidly at temperatures beyond the region of 100 °C. therefore, a reduced service life must be expected for these oils at higher temperatures in open systems.

Description

Megatron Heat Transfer Oil Range is a highly refined, thermal stable, mineral oil- type heat transfer range formulated with premium hydrocracked base oils for use in heat transfer systems with forced circulation.

Benefits

- Excellent resistance to deposit formation.
- Exceptional thermal stability and good oxidation resistance.
- Reduced evaporative loss due to low volatility and high flash points.
- Good rust and corrosion protection.

Physical & Chemical Characteristics

| Megatron Heat Transfer Oil Range | | | | |
|----------------------------------|------|-----|------|------|
| ISO VG | 22 | 32 | 46 | 100 |
| Viscosity, cSt @ 40°C | 22 | 32 | 46 | 100 |
| Viscosity, cSt @ 100°C | 4.48 | 5.7 | 6.35 | 11.8 |
| Viscosity Index, min | 110 | 118 | 110 | 106 |
| Flash Point, °C | 220 | 224 | 226 | 230 |
| Pour Point, °C | -18 | -18 | -18 | -18 |

The values of the specifications shown in this table are typical values given as an indication only.

Pack Sizes

- 500 ml ,1 Litre, 5 Litre and 20 Litre Plastic Bottles
- 208 Litre Steel Drums
- 1000 Litre IBC

Health and Safety Information

For recommendations on safe handling and use of this product, please refer to the Material Safety Data sheet available on www.tronlubricants.com

Misrepresentation Act 1967. Trade description Act 1968. The information in this publication is based on our experience and reports from customers. There are many factors outside our control and knowledge which effect the use and performance of our products for which reason no warranty is given, express or implied. This information sheet was prepared from the best information available at the time of issue. While the values and characteristics are considered representative, some variation, not affecting performance, can be expected. It is the responsibility of the user to ensure that the products are used in the applications for which they are intended.