



Description

Mineral oil based heat transfer fluid.

Applications

- + Recommended for heat transfer installations using thermal fluid circulation, in open and closed circuits
- + Suitable for heating and temperature control in all industries.

Auxiliary Mineral Lubricants

Specifications

ISO 6743-12 L-QB-290 / DIN 51522 – class Q.
SERIOLA 32 is approved by the French Health Direction for drinking water treatment.

Advantages

Compared to conventional fluids, SERIOLA 32 delivers high oxidation resistance thanks to a duly selected antioxidant.

Static and dynamic deterioration tests have shown that at temperatures exceeding 340°C, deposit formation is 10 to 20 times lower than other mineral fluids and light fractions formation rate was reduced by 50%.

Typical Characteristics

| | Methods | Units | 32 |
|---------------------------------|------------|--------------------|--------|
| Appearance | | Visual | Yellow |
| Density at 15°C | ISO 12185 | kg/m ³ | 812 |
| Kinematic viscosity at 40°C | ISO 3104 | mm ² /s | 32 |
| Pour Point | ISO 3016 | °C | - 15 |
| Flash Point (Open Cup) | ISO 2592 | °C | 230 |
| Flash Point (Closed Cup) | ISO 2719 | °C | 223 |
| Fire Point (COC) | ISO 2592 | °C | 260 |
| Initial Boiling Point | ASTM D2887 | °C | 310 |
| Final Boiling Point | ASTM D2887 | °C | 549 |
| Auto ignition temperature | ASTM E659 | °C | 353 |
| Conradson carbon residue | ISO 6615 | %w | < 0.1 |
| Minimal operating temperature | | °C | 0 |
| Maximum bulk temperature | GB/T 23800 | °C | 290 |
| Maximum film temperature | GB/T 23800 | °C | 310 |

Characteristics of this chart are indicative typical values.

Handling, Health & Safety

Lubricants consisting of highly refined mineral oils with specific additives. In normal conditions of use, these lubricants present no particular toxic hazard. All lubricants, of any kind, should always be handled with great care, particularly avoiding any contact with the skin. Prevent any risk of splashing, and keep away from combustible materials. Store under cover and away from any risk of contamination.

A safety data sheet complying with current legislation is available at: www.quickfds.com and www.totallubmarine.com