

UNT ICL PLATINUM HEAT TRANSFER OIL

Description

UNT ICL Platinum Heat Transfer Oil is blended from high viscosity index fully synthetic base oils and fortified with advanced oxidation inhibitors to enhance high-temperature performance and stability, significantly prolonging its service lifespan. Being resistant to oxidation even at elevated temperatures, this enables the fluid to have a longer usable life and minimizes deposit formation which inhibits efficient heat transfer.

UNT ICL Platinum Heat Transfer Oil is suitable for use in both open systems and inert gas-blanketed closed heat transfer systems. In open systems, it should not be used at temperatures exceeding 160 °C, while in closed systems, the maximum operating temperature is 320 °C.

Properties

- ┆ Longer fluid life
- ┆ Minimizes deposit formation
- ┆ Contains high temperature oxidation inhibitors
- ┆ Blended with naturally high VI synthetic base oils

Technical Characteristics

| Test Description | Method | Unit | ISO 22 | ISO 32 | ISO 46 | ISO 68 |
|-----------------------------|-------------|------|--------|--------|--------|--------|
| ISO Viscosity Grade | - | - | | | | |
| Density @ 15 °C | ASTM D 4052 | kg/L | 0.845 | 0.848 | 0.851 | 0.852 |
| Flash Point | ASTM D 92 | °C | 192 | 210 | 228 | 232 |
| Pour Point | ASTM D 97 | °C | -18 | -18 | -18 | -18 |
| Kinematic Viscosity @ 40°C | ASTM D 445 | cSt | 22.5 | 33.7 | 46.1 | 68.7 |
| Kinematic Viscosity @ 100°C | ASTM D 445 | cSt | 4.8 | 6.1 | 7.5 | 10.7 |
| Viscosity Index | ASTM D 2270 | - | 128 | 131 | 132 | 144 |

Specifications

- ┆ CLASSIFIED AS ISO 6743-12 FAMILY Q
- ┆ MEETS TYPICALLY DIN 51522 REQUIREMENTS

10 December 2025

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