



Description

Fluid specially formulated for use as a heat transfer agent. It is formulated from highly refined mineral bases with specific additivation that gives it extraordinary thermal stability.

It is a specific oil for use in closed-circuit and forced-circulation heat transfer systems in which maximum working temperatures reach approximately 300 °C, and it can reach up to 315 °C as film temperature.

Properties

- High thermal stability.
- Extended service life.
- Wide range of working temperatures.
- Easy temperature control.
- Good heat transfer coefficient.
- Low vapour pressure.
- Low tendency to form carbonaceous waste.
- Non-corrosive.

Quality levels, approvals and recommendations

• DIN DIN: 51522-Q

• ISO ISO: 6743/12 - QB

• MANULI Hydraulics*

*Formal approval

Technical specifications

	UNIT	METHOD	VALUE
Density at 15 °C	g/cm3	ASTM D4052	0.876
Kinematic viscosity at 40 °C	cSt	ASTM D445	37
Kinematic viscosity at 100 °C	cSt	ASTM D445	5,8
Viscosity index	-	ASTM D2270	102
Flash point, open cup	°C	ASTM D92	246
Initial distillation point	°C	ASTM D2886	360
Pour point	°C	ASTM D97	-12
TAN	mg KOH/g	ASTM D664	0.4
TBN	mg KOH/g	ASTM D2896	1.1
Thermal stability	°C	-	300

The above mentioned characteristics are typical values and should not be considered product specifications.