



REDOIL



EELQMS

EUROPEAN ENGINE
LUBRICANTS QUALITY

MANAGEMENT SYSTEM
Data di prima emissione
07/03/2024

TECHNICAL DATA SHEET

DIATERMIC OIL-QA

Synthetic-mineral heat transfer fluid

SPECIFICS

ISO 6743/12 QB

TECHNICAL DESCRIPTION



Energy-efficient heat transfer fluid designed to make a difference in the performance capabilities and operating budget of the latest generation of industrial technologies. Designed to guarantee heat transfer performance in extraordinarily high temperature conditions, it stands out for its ability to maximise energy efficiency while allowing meticulous temperature control in every part of the plant. The formulation chemistry behind the design enhances the versatility of this product and makes it ideal for a wide range of applications.

BENEFIT

- High heat transfer coefficient;
- High chemical stability;
- High thermal-oxidative stability;
- Resistance to thermal stress at the beginning of operation;
- Protection of the system against corrosion;
- High demulsibility;
- Fast air release.

For further details, please contact the technical department



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Typical characteristics

Properties	Unit	Method	Average values
Appearance	-	Visual	limpid
Density at 15°C	Kg/m ³	ASTM D 1298	850
Viscosity 40°C	cSt	ASTM D445	30
Viscosity 100°C	cSt	ASTM D445	6,0
Flash Point	°C	ASTM D 92	241
Pour Point	°C	ASTM D 97	-40

The maximum use temperature in open systems is 180°C, the presence of air alters the oxidative stability of the product

MODE OF USE

Use according to the recommendations in the user and maintenance manual provided by the manufacturer. In open systems use up to a maximum temperature of 180° C Store the product in a cool, dry place, away from direct sunlight and at temperatures not exceeding 60° C.

SAFETY AND ENVIRONMENT

Use in accordance with the recommendations provided in the Safety Data Sheet. Additional information on MSDS.