

CEPSA DIATERMO

Description



A heat transfer fluid formulated with highly-refined paraffinic base oils and special additives that produce a very stable product with a high viscosity index. Due to this, the viscosity is maintained without suffering any variations during the heat transfer process.

Applications

- Specially indicated for heat transfer in closed circulation systems that are at limit layer temperatures of up to 310°C.

Performance

- High thermal conductivity, low vapour pressure and high specific heat, together with high oxidation stability. A technically ideal, high performance fluid for heat transfer systems.
- High chemical stability and strength at high temperatures. Maintains transfer systems free of deposits and lengthens oil change periods.
- Low viscosity at cold temperatures. Reduces pumping wear, since friction losses are diminished.

Typical Characteristics

CHARACTERISTIC	UNITS	METHOD	CEPSA DIATERMO 22	CEPSA DIATERMO 32
ISO Grade			22	32
Density at 15°C	Kg/l	ASTM D-4052	0,869	0,876
Flash Point, COC	°C	ASTM D-92	220	228
Pour Point	°C	ASTM D-5950	-18	-12
Viscosity at 100°C	cSt	ASTM D-445	4,27	5,42
Viscosity at 40°C	cSt	ASTM D-445	22,03	31,69
Viscosity Index	-	ASTM D-2270	96	105
Distillation	°C	ASTM D-86		
Starting point			345	375
5%			350	380
End Point			410	415

Health & Safety and Environment

Health, safety and environmental information is provided for this product in the Materials Safety Data Sheet. This gives details of potential hazards, precautions and First Aid measures together with environmental effects and disposal of used products.