

CEPSA DIATERMO S

Description



A thermic synthetic fluid (alkylbenzene), developed for systems that operate at high temperatures.

Applications

- Specially developed to be employed as a heat transporter in those systems where it is not possible to apply either water or steam.

Performance

- It permits lower working pressures than with steam.
- Greater efficiency in heat transfer, in relation to when mineral oils are employed.
- Exceptional thermal stability. Minimum carbon residue formation.
- Does not produce corrosion in the metals used in heat exchange systems.
- Greater life than with mineral fluids.

Typical Characteristics

CHARACTERISTICS	ASTM STANDARD	CEPSA DIATERMO S
Application Temperature Range, °C		-30 a 340 °C
Flash point, COC, °C, min.	D-92	178
Pour point, °C, max.	D-97	-40
Viscosity at 100 °C, cSt	D-445	3,4
Viscosity at 40 °C, cSt	D-445	16
Copper Corrosion (3 h, 100 °C)	D-130	1A
Distillation, °C		
Initial Point	-	315
Final Point	-	390

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.

The typical values of the characteristics appearing in the table are average values given for guidance purposes. These values may be modified without any prior warning.