

THERMIC EVO 430

Quenching oil

DESCRIPTION

THERMIC EVO 430 is a very accelerated quenching oil formulated from highly refined base oils. Its use is more comfortable as it respects more the users.

THERMIC EVO 430 is especially adapted for heat treatment under vacuum and can also be used in BATCH furnace type.

THERMIC EVO 430 has been designed for heat treatment of bad hardenability steels.

RECOMMENDED APPLICATIONS

THERMIC EVO 430 is especially adapted for quenching of steels or alloyed steels with bad hardenability :

- Medium hard carbon steels : XC 38, XC 48
- Steels : 51CrV4, 61SiCr7, 51CrV4Nb
- Low alloyed steels : 25NC6

ADVANTAGES

- Use temperature: 50-130°C
- Minimum loss on parts thanks to its fluidity
- Reduce deformation and cracks risks
- Excellent resistance to oxidation
- Reduces fire risks due to its high flash point

TECHNICAL INFORMATION

CHARACTERISTICS	METHOD	UNIT	THERMIC EVO 430
Color			Colorless
Density at 20°C	ISO 12.185		0.838
Viscosity at 40°C	ASTM D445	mm ² /s	29
Viscosity index	ASTM D2270		132
Flash point	ASTM D92	°C	224
Ignition point	ASTM D92	°C	250

The specifications are given for information purposes only and may need to change.