

THERMIC SV 6

Heat Treatment

DESCRIPTION

THERMIC SV 6 is used for steel vacuum heat treatment. It has been developed for bainitic and martensitic heat treatment of mechanical parts of complex geometry sensitive to deformation for specific applications in aeronautical, medical and automotive fields.

RECOMMENDED APPLICATIONS

Vacuum heat treatment and quenching oil incorporated on all kinds of parts, sections, highly variable geometries.

Materials treated are for example :

- Low alloy: 30 CD 12 - 100 C 6 - 15 CDV 6 —...
- High alloy: Z 15 CN 17-03 - Z 30 C 13 - Z 100 CD 17 —...
- Stainless Steel

ADVANTAGES

- User comfort
- Improves surface finishes
- Compatible with most machine materials
- Easily removed by conventional cleaning methods with our SAFCO KLEEN 60 degreaser

TECHNICAL INFORMATION

CHARACTERISTICS	METHOD	UNIT	THERMIC SV 6
Aspect			Transparent
Color			Colourless
Density at 20°C	ISO 12.185		0.840
Viscosity at 40°C	ASTM D 445	mm ² /s	35
Flash point	ASTM D 92	°C	244
Acid index	NFT 60 112	mg KOH/g	0.1
NOACK volatility	CEC L-40-A-93	%	<7.5
Storage			Frost-free, in dry place

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

PROPERTIES

- Use between 30 and 130°C
- No staining of parts
- Maintains a constant cooling power
- Excellent resistance to oxidation and cracking
- Contains no sulphur or boron
- Low consumption
- High viscosity index : 138