

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.

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

NAME	UNITS	METHOD	THERMIC SV 6
Color	-	Visual	Colorless
Aspect	-		Transparent
Density at 20°C (68°F)	-	ISO 12185	0.840
Viscosity at 40°C (104°F)	mm ² /s	ASTM D445	35.0
Flash point	°C	ASTM D92	244.0
NOACK volatility	%	CEC L-40-A-93	<7.5
Storage	-		in frost-free, dry place

These characteristics are given only for information and can be updated over time.

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

SERVICES AND EQUIPMENT

In addition to its product ranges, MotulTech can provide tools and services for the maintenance and monitoring of your lubricants. Please contact your technical sales representative for more information.