



MOTULTECH THERMIC 15

Heat Treatment

DESCRIPTION

THERMIC 15 is a semi-hot quenching oil, with a high flash point, used for the martensitic quenching of mechanical steel parts with complex shapes.

APPLICATIONS

THERMIC 15 is recommended for quenching of hard alloyed steels when a cold quenching oil (very quick cool rate with crack risks), or a warm quenching oil (slow cool rate with risks of obtaining insufficient mechanical properties) are prohibited.

• 30 - 80°C

Hard steels: XC 55, XC 65, XC 75: links, axes, chain flanks

Medium-hard steels: XC 35, XC 38, XC 48: big chain flanks, screws, bolts...

Case-hardening steels: 20 NC 6, 35 NC 6: axes

• 80 - 120°C

THERMIC 15 is used for quenching of low and mild alloyed steels parts when their weight and dimensions can cause distortions.

THERMIC 15 is suitable for batch oven, continuous furnace, with or without atmosphere.

ADVANTAGES

- Reduces strain and crack risks.
- Excellent thermic shock resistance.
- Economical product, due to its fluidity at working temperature.
- Optimized production due to the stability of its quenching power.
- Reduces fire risks due to its high flash point.

TECHNICAL INFORMATION

TECHNICAL CHARACTERISTICS	UNITS	METHOD	THERMIC 15
Self-Ignition Point	°C	ASTM D92	258.0

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



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.

Important Notice

All information and rules about health, safety and the environment are mentioned on the safety data sheet. It provides information about risks, safety procedures and first aid emergency rules. It clarifies all procedures to implement in the case of an accidental spillage, and for the disposal of the product and its effects on the environment. The safety data sheet is available on www.motul.com.

Our product contains natural additives which are likely to modify the colour of the concentrates without altering its performance. The specifications of our products are definite only at the time of order, and are subject to our general sale and guarantee conditions. To give our customers the latest technical developments, the general characteristics of our products may vary.