



TECHNICAL DATA SHEET

GRODAL TERMQUENCH H QUENCHANT

DESCRIPTION

GRODAL TERM QUENCH H is a high viscosity hot Quenching Oil designed for the fine distortion control of the finished components. The product consists of highly refined base oil fortified with performance chemicals for consistent long lasting performance. It is recommended to use the oil at higher temperature for better dimensional control.

APPLICATION

GRODAL TERMQUENCH H is particularly suitable for quenching of precision parts where distortion control & dimensional stability are of prime importance. e.g. case hardened jobs like gears & shafts. It can also be used for low temperature tempering, e.g bearings. This oil can be used both in open & sealed quench tank.

BENEFITS

- | Based on selected refined virgin base oil having excellent antioxidant characteristics.
- | A high and uniform rate of cooling during initial quenching phase.
- | Faster speed ensures proper and uniform hardness.
- | Fortified with antioxidant additive to ensure uniform and consistent performance of oil.
- | Lesser smoking and with high flash point reduces the risk of fire hazard.
- | Slower in the convection phase to avoid the distortion problems.

TECHNICAL DATA

Appearance	:	Light brown liquid
Sp. Gravity @30°C	:	0.88
Viscosity @40 °C	:	200 cSt.
Flash Point COC °C	:	> 250
Operating Temp.	:	100°C – 160°C

ADVICES

Store at ambient temperature and away from direct contact of fire. Avoid contact with water. Operating temperature should not exceed above 170 °C.

SAFETY

This oil is unlikely to present any significant health or safety hazard when properly used in the recommended application as well as good standards of industrial and personal hygiene is maintained.

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Supersedes all earlier

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