



PRODUCT DESCRIPTION

LENOL Thermoclean is a highly deterging additive for cleaning circulation oil systems. It is specifically designed for cleaning heat transfer systems, with the effect of improving heat transfer and flow, which is contributing to the reduction of energy costs.

APPLICATIONS

LENOL Thermoclean is added to used heat transfer oil. Depending on the level of contamination, the concentration of LENOL Thermoclean should be 2-5% of the volume.

The oil should be circulated for at least 24 hours at 120-150°C. Due to its highly deterging properties, coke and deposits will be removed and dissolved. With heavily contaminated equipment, it can be used for up to 4 weeks if operated at normal temperatures and with a fine filter. Drain the waste oil and refill with LENOL Thermo HT heat transfer oil.

In severe cases, 10% LENOL Thermoclean is added to the fresh LENOL Thermo HT and circulated in the system again for at least 6 hours at a temperature of 120-150°C. Drain the waste oil and refill with LENOL Thermo HT.

After applying LENOL Thermoclean, the filter has to be cleaned more frequently.

Please be aware that LENOL Thermoclean can affect the air release and foaming properties of lubricants and thus cause problems when used in steam or gas turbines, hydraulic systems or similar.

Apply only under the supervision of LENOL's technical service.

TECHNICAL DATA

Properties	Test Method	Data	Unit
Density at 15°C	DIN 51757	1050	kg/m ³
Flash point (COC)	ISO 2592	>160	°C
Pour point	DIN ISO 3016	-6	°C

HANDLING AND PACKAGING

Compatibility and miscibility with comparable products from other suppliers have been successfully tested by an independent institute, but to benefit from full product performance, the mixing of lubricants should be avoided.

HEALTH AND SAFETY

The information on this product is available in the Material Safety Data Sheet (MSDS) as a guide to the precautions and safe handling of this product and its disposal. The product is not classified as dangerous according to the Regulation 1272/2008 or the Directives D67/548/EEC and 1999/45/EC. When used as intended, this product does not pose significant health risks. Repeated exposure may cause skin dryness or cracking. In case of skin contact, immediately wash the affected area with plenty of soap and water. Remove contaminated clothes. Wear protective gloves and eye protection. For further information we recommend you review the MSDS. Handled correctly there are no special precautions suggested.

Last Updated: June 2022

This data sheet and the information given are considered to be accurate to the best of our knowledge. The physical and chemical characteristics are typical values and compliant to specification. Variations in these characteristics may occur. No warranty expressed or implied, is given as to the accuracy or completeness of the information or suitability of the products. LENOL shall not be responsible for any damage or injury resulting from abnormal use of the product. The user will be always responsible to evaluate and use products safely and to comply with all applicable laws and regulations.