

DESCRIPTION:

Thermal Clean 30 is a fluid incorporating chemical additives formulated for the cleaning of interior surfaces in oil-filled heat transfer systems. It was created to reduce the need for mechanical cleaning. Thermal Clean 30 loosens and removes carbonaceous deposits, products of oxidation, resins and gums from heaters, pipe work and process vessels. The fluid's viscosity ensures easy introduction into heat transfer plants.

Thermal Clean 30 was developed for Deojay after extensive work with detergent-type engine oils - which prevent sludging, lacquering and gumming by suspending contaminants in the oil in use in the form of fine particles. Thermal Clean 30 is a carefully formulated dispersant cleaner aimed at removing deposits that accumulate on heat-transfer surfaces after long or unusually severe service, and sends them into circulation: large particles are removed in filters, and small particles remain in suspension until removed during an oil change.

APPLICATION:

Thermal Clean 30 is compatible with mineral oils and synthetic hydrocarbons, but should not be used with water-based products or phosphate esters.

Thermal Clean 30 is added (at a proportion of 15 to 30% by volume) from 7 to 21 days before the oil is due to be changed. The system is left to operate normally, until the oil is drained off and replaced by fresh oil as usual. In a system where there has been severe thermal abuse, the products of the oil degradation can be coated onto hot surfaces so hard that they cannot be removed chemically and have to be dealt with by mechanical means. Where these deposits are ordinary products of oxidative degradation, Thermal Clean 30 is remarkably effective. During the cleaning period all filters (where applicable) must be monitored frequently in case they should become blocked with any loosened debris.

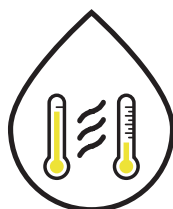
FEATURES AND ADVANTAGES:

- Increased heat transfer efficiency.
- May eliminate the need for a flushing charge.
- Lowers the cost of cleaning heat-transfer systems.
- Enables deposits to be removed from inaccessible surfaces.
- Dispersant action aids cleaning.
- Easily handled for dosing into heat-transfer systems.

PHYSICAL PROPERTIES:

VISCOSITY @ 40 °C	101.5 cSt
VISCOSITY @ 100 °C	11.5 cSt
VISCOSITY INDEX	100
POUR POINT	-21°C

PRODUCT ICON:



DISCLAIMER AND GENERAL ADVICE

THESE CHARACTERISTICS ARE TYPICAL OF CURRENT PRODUCTION. WHILST FUTURE PRODUCTION WILL CONFORM TO DEOJAY PETROLEUM KZN (PTY) LTD SPECIFICATION, VARIATIONS IN THESE CHARACTERISTICS MAY OCCUR. ALL REASONABLE CARE HAS BEEN TAKEN TO ENSURE THAT THE INFORMATION CONTAINED IN THIS PUBLICATION IS ACCURATE AS AT THE TIME OF PRINTING, SOME INFORMATION IS NEVERTHELESS LIABLE TO VARIATION IN THE EVENT OF CHANGES TO ANY OF THE FOLLOWING OCCURRING SUBSEQUENT TO THE DATE OF PRINTING: THE BLEND FORMULATION, METHODS OF STORAGE, DUE TO THE IMPROPER HANDLING OR APPLICATION OF ANY OF THE PRODUCTS REFERRED TO, OR REQUIREMENTS OF ANY SPECIFICATION OR APPROVAL RELATING TO ANY OF THE PRODUCTS.

HEALTH AND SAFETY

GUIDANCE ON HEALTH AND SAFETY ARE AVAILABLE ON THE APPROPRIATE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM YOUR DEOJAY REPRESENTATIVE.

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