



eni Alaria 3 HT

eni ALARIA 3 HT is used for filling heat transfer units. It has an excellent oxidation stability and withstand thermal decomposition, being formulated from carefully selected paraffinic base stocks.

CHARACTERISTICS (TYPICAL FIGURES)

eni ALARIA 3 HT

Viscosity at 40°C	mm ² /s	29,5
Viscosity at 100°C	mm ² /s	5,31
Viscosity Index	-	113
Flash Point	°C	215
Pour Point	°C	-10
Mass Density at 15°C	kg/l	0,865

PROPERTIES AND PERFORMANCE

- The very high quality of **eni ALARIA 3 HT** heat transfer oil guarantees its resistance to high-temperature degradation, thus preventing deposit and sludge formation.
- High-grade refining prevents deposit and sludge formation during operation, while the superior quality level ensures thermal stability up to temperatures where cracking starts.
- The paraffinic base stock is refined to guarantee good demulsibility and air-separation performance, thus ensuring proper operation of the heat transfer unit, by preventing the formation of steam and air bubbles at the hottest points.
- The heat transfer characteristics of **eni ALARIA 3 HT** remain practically unchanged while in service, due to the very good oxidation resistance of these oils and their high-temperature stability.

SPECIFICATIONS

eni ALARIA 3 HT can be used in all "open" or "closed" type units with:

- maximum boiler outlet temperature: 315°C
- maximum boiler wall temperature: 350°C.

OPERATING ADVICE

When starting-up a new unit or when restarting after maintenance, and also in the case of irregular operation at normal temperature caused by residual moisture in the oil, the temperature of the unit should be reduced to around 100 C and all the steam blown off before returning to the normal working temperature.