

HEAT TRANSFER OIL

DELHOM SYNTHAG HTO 32

Product Description

DELHOM SYNTHAG HTO 32 is a fully synthetic high performance heat transfer oil for use in closed indirect heating installations. It is formulated from highly refined synthetic base stocks that are resistant to thermal cracking and chemical oxidation. The flash point of this oil will not decrease significantly in service because of its resistance to thermal cracking at the operating temperatures for which it is recommended.

DELHOM SYNTHAG HTO 32 is very thermally stable and is capable of an extremely long service life without deposit formation or viscosity increase.

Applications

DELHOM SYNTHAG HTO 32 can be used in open installations where fuming of the oil could be a problem.

Specific application ranges and advice are:

Bulk Oil Temperatures Ranges

Closed systems- max. 345°C

Open systems – max. 200°C

Physical properties	DELHOM SYNTHAG HTO 32
Kinematic visc\40 °C	32
Kinematic visc\100°C	6
Viscosity index	125
Color ASTM	1.0
Specific gravity\15 °C	0.84
Flash point\ °C	220
Pour Pt., °C	-21

Liquid properties of DELHOM SYNTHAG HTO 32 by temperaturea

	0°C	20°C	40°C	100° C	<u>200°C</u>	<u>300°C</u>
Kinematic visc\40 °C	270	80	32	6	1.6	0.8
Specific gravity, kg/liter	0.85	0.837	0.825	0.79	-	-

Safety in use

The **DELHOM SYNTHAG HTO 32** oil does not poses a significant health or safety hazard if used correctly. However, it is advisable to maintain personal hygiene rules when using the oil and avoid prolonged contact of the oil with the skin.