

# HOUGHTO-THERM 2

## Heat transfer mineral oil

### DESCRIPTION

HOUGHTO-THERM 2 is a heat transfer fluid specially formulated from refined mineral oils and additives that make practically null the carbonaceous residuals.

HOUGHTO THERM 2 has a high flash point and an excellent resistance to the oxidation, which provides a high life in service, even under working severe conditions.

### PHYSICAL PROPERTIES

ESSAY	TYPICAL VALUE	METHODIQUE ESSAY
Density 15,5°C	0,864 g/cm <sup>3</sup>	ASTM-1298
Viscosity 40°C	17-20 Cst	ASTM-D445
Viscosity 100°C	3,7 Cst	ASTM-D445
Flash Point V/2	> 182°C	ASTM-D92
Fluidity Point	-12°C	ASTM-D97

### APLICACIONES

Flow system facilities and circuits to transfer heat.

Processes for the products elaboration (sequential or discontinue) where exist the need to apply heat during some phases of the same ones.

Indirect heating, in several cases the alternative to vapour and reheated water.

### ADVANTAGES

HOUGHTO THERM 2 has a good conductivity and a big thermal stability in service.

HOUGHTO THERM 2 also has a high oxidation's stability and a low vapour's pressure.

HOUGHTO THERM 2 presents a high economic performance, low cost and minimum maintenance of facilities

HOUGHTO THERM 2 possesses a wide margin of work temperatures (-12°C to 250°C).

### HOW TO USE

We should have an auxiliary expansion deposit that absorbs the volume changes of Houghto Therm 2 during the heating. The increasing volume is approximately 20%.

It must avoid the direct flame in the tubes of fluid's flow to delete overheat and high flux temperatures.

The fluid rolling speed must be from 2 to 3 m/seg. and the bomb must be protecting with an adequate filter.

### SHIPPING INFORMATION

HOUGHTO-THERM 2 is habitually provided in drums of 50 Liters and 185 Kg.

• *With license of HOUGHTON INTERNATIONAL INC.*

N<sup>o</sup> edition: 2

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All data given in this Product Data Sheet are typical of this material. It does not however constitute a specification. We reserve the right to modify. Products without prior notice. All products, services and information supplied are provided upon the terms of our Standard conditions of Sale from time to time in force.

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