

**HEAT TRANSFER FLUID****IPOL HEAT TRANSFER LIGHT/550****Description:**

Mineral Oils are preferred for use in heat transfer systems operating upto temperatures of 320°C. These systems are so designed that the heat transfer fluid is pumped to the tube furnace, gets heated and this hot oil is then passed through the process vessels from where it is returned back to the pump. An expansion tank of suitable design is connected to the suction side of the pump to take care of the variation in the volume.

**Salient Features:**

**IPOL Heat Transfer 550** and **Light** are blended using highly paraffinic mineral oils, having high viscosity index.

An exceptionally stable antioxidant package is incorporated to give oxidation stability and higher thermal conductivity. Suitable for pressurized heat transfer systems.

**Application:**

- All types of heat transfer applications.
- In chemical, processing, pharma and textile industries.
- Recommended in services involving maximum bulk temperatures upto 285°C.
- **IPOL H.T Light** - suitable for pressurized heat transfer systems.

**Benefits:**

- Reduces oil change periods.
- Minimize the frequency of make up
- Develop least amount of oxidation products
- Ensures lower power consumption

## Product Data

### Typical Results: IPOL Heat Transfer

Characteristics	Test Methods IS 1448	Result	
		H.T Light	H.T 550
Appearance	Visual	Bright & Clear	
Density @15°C	D-1298	0.875	0.88
Sp. Gravity @ 30°C	P -32	--	0.868
Flash Point (COC) °C	P-69	180	200
Viscosity cSt @40°C	P-25	22	32
Viscosity Index	P-56	95	95

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