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Technical Information

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TURMOFLUID VAC 81-113

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LUBCON-lubricating oil for vacuum pumps

Description

TURMOFLUID VAC 81-113 is a synthetic base oil with special subsequent treatment. A characteristic feature of **TURMOFLUID VAC 81-113** is the low vapor pressure. This is the precondition for producing a low final pressure.

Application

TURMOFLUID VAC 81-113 has been developed for oil-lubricated vacuum pumps with a negative pressure of approx. 5×10^{-3} mbar up to 10^{-4} mbar. Due to this, the product comes up to the fields of rough- and fine-vacuum, especially in case of evacuation of air, ammonia and solvent steams, provided that the compatibility has been tested.

Advantages and properties

- reliable application in the fields of rough- and fine-vacuum due to it's low vapor pressure.
- consistently good vapor pressure during the whole application time.
- due to narrow boiling cut no interferences during evacuation and lower evaporation losses.
- due to the relative uniform structure a fractionation during the application time is nearly impossible.

Technical Data

TURMOFLUID VAC 81-113

Viscosity DIN EN ISO 3104	
at 40°C	85 mm ² /s
at 100°C	9,8 mm ² /s
Viscosity index DIN ISO 2909	93
Density at 20°C	0,923 g/cm ³
Flash point DIN EN ISO 2592	> 230°C
Pourpoint DIN ISO 3016	< -20°C

Original Packings

6 x 1 l cans , 6 x 5 l cans, 20 l can, 200 l one-way drums

The products are subject to severe controls of manufacture and comply in full with the specifications set forth by our company. Due to the multitude of different influencing factors, we cannot assume any warranty for the successful application in each individual case. Therefore, we recommend to perform field tests. We strictly refuse any liability.