Lubricants – Industrial oils

Version: **EEE/77a**

Valvoline™ Heat Transfer Oil 100

Valvoline Heat Transfer Oil 100 is produced from solvent neutral base oils and additives. This oil contain high temperature antioxidants and components that prevent cracking and deposit formation as the consequence of high temperatures in which they are applied and which prevent the thermal decomposition of the product.

Performance levels
ISO L-QA/QC
ISO 6743-12
DIN 51 522

Applications

Recommended for non-pressurized closed heat transfer systems with an operating temperature between -9 °C to +320 °C (bulk temperature).

Valvoline Heat Transfer Oil 100 is used as heat transfer medium in heating systems:

- in the rubber manufacturing industry;
- in the plastics manufacturing industry;
- in asphalt bases;
- in chemical industry;
- in pharmaceutical industry;
- in textile industry;
- in duplicators and other vessels for thermal processing of food products where there is no possibility of oil contact with food products;
- in dyers.

Features & Benefits

Wide operating range
The viscosity of the Valvoline Heat Transfer Oil provides good fluidity and heat transfer over a wide temperature range.

High thermal and oxidation stability
High flash point and low volatility provide its safe operation without the danger from fire in closed circulation systems.

Wear protection
Valvoline Heat Transfer Oil is a non-corrosive heat transfer oil that helps preventing rust and/or corrosion problems in the circulating system.

PRODUCT INFORMATION

Keeping the world moving since 1866™
Serving more than 100 countries around the globe, Valvoline is a leading marketer, distributor and producer of quality branded automotive and industrial products and services. Products include automotive lubricants; transmission fluids; gear oils; hydraulic lubricants; automotive chemicals; specialty products; greases, and cooling system products.

For more information on Valvoline products, programs and services please visit **www.valvolineeurope.com**

Typical properties
Typical property characteristics are based on current production. Whilst future production will conform to Valvoline specifications, variations in these characteristics may occur.

Valvoline Heat Transfer Oil 100	
Viscosity, mm^2/s @ 100 ºC. ASTM D-445	11,0
Viscosity, mm^2/s @ 40 ºC. ASTM D-445	100
Viscosity Index ASTM D-2270	90
Pour Point, ºC ASTM D-97	-9
Specific Gravity @ 15.6°C. ASTM D-1298	0,886
Flash Point, COC, ºC. ASTM D-92	220
Maximum recommended temperatures of application, °C **- open system** **- closed system**	 190 320

This information only applies to products manufactured by:

Ellis Enterprises East doo Kruševac,
Affiliate of Valvoline
Mike Stojanovića 15, 37000 Kruševac, Serbia
Registration nr: 21368997 / TIN: 110618744

Health & Safety
This product is not likely to present any significant health or safety hazards when properly used in the recommended application and good standards of personal hygiene are maintained. Reference is made to the Safety Data Sheet (SDS) which is available on request via your local sales office or via the internet **http://sds.valvoline.com**

Protect the environment
Take used oil to an authorized collection point. Comply with local regulations. Do not discharge into drains, soil or water.

Storage
We recommend to store all packages under cover. In case outside storage is unavoidable, drums should be laid horizontally to avoid the possible ingress of water and damage to drum markings. Products should never be stored above 60°C, exposed to hot sun or freezing conditions.

Replaces – EEE/77