

LUKOIL ASSISTO T

High performance quenching oil

MEETS REQUIREMENTS

JSC «AVTOVAZ»

PRODUCT DESCRIPTION

LUKOIL ASSISTO T is a series of special oils applicable as service fluids in metal heat treating processes where high performance lubricants are required. The oils are produced using selected base oils with a high efficiency additive package that improves anticorrosion, antioxidation and detergent properties.

APPLICATION

LUKOIL ASSISTO T is recommended for use in metal heat treatment processes. Working temperatures are selected considering features of the manufacturing technology.

BENEFITS

- **LUKOIL ASSISTO T** increases metal hardness and provides the requisite steel structure and surface cleanliness
- Ensures deep high quality quenching of large parts
- Demonstrates long lubricant service life with a high performance level
- Provides an optimal cooling rate
- Provides high anticorrosion and antifoaming properties
- Demonstrates excellent thermo- and oxidation stability
- Ensures low evaporation loss
- No emission of hazardous substances at heat treatment

The product name in an order:

Hardening oil LUKOIL ASSISTO T 16, STO 79345251-013-2009
 Hardening oil LUKOIL ASSISTO T 26, STO 79345251-013-2009

TYPICAL TEST DATA

PROPERTY	Test method	LUKOIL ASSISTO T 16	LUKOIL ASSISTO T 26
Density at 15 °C, kg/m ³	GOST R 51069 / ASTM D1298 / ASTM D4052	866	875
Kinematic viscosity at 40 °C, mm ² /s	GOST 33 / ASTM D445	28.7	38.2
Kinematic viscosity at 100 °C, mm ² /s	GOST 33 / ASTM D445	5.0	5.9
Viscosity Index	GOST 25371 / ASTM D2270	102	98
Flash Point, COC, °C	GOST 4333 / ASTM D92	223	236
Flash Point, PMC, °C	GOST 6356 / ASTM D93	210	208
Cokeability, %	GOST 19932 / GOST 8852 / ASTM D189	0.05	0.06
Ash content, %	GOST 1461	0.03	0.05

The information given in the typical data does not constitute a specification but is an indication based on current production and can be affected by allowable production tolerances. The right to make modifications is reserved by OOO "LLK-International".