

LUKOIL C-38 and LUKOIL C-52

Cylinder oils

PRODUCT DESCRIPTION

Cylinder oils **LUKOIL C-38** and **LUKOIL C-52** are designed for greasing hot parts of steam engines (locomobiles, marine and fixed machines, steam hammers, headgears, etc.) operating with overheated steam, as well as units operating under considerable loads and with low speeds of positive displacement transmission.

The **LUKOIL C-38** and **C-52** cylinder oils are produced from high-quality sweet residual mineral oil. The oils can be thickened with polyisobutylene.

APPLICATION

The **LUKOIL C-38** cylinder oil is designed for use in piston steam engines of different purpose, operating with overheated steam of up to 350 °C.

The **LUKOIL C-52** cylinder oil is designed for use in piston steam engines of different purpose, operating with overheated steam of up to 400 °C.

The product is manufactured as per **STO 65561488-020-2013**

STANDARD CHARACTERISTICS

Property	LUKOIL C-38	LUKOIL C-52
Kinematic viscosity, mm ² /s at 100 °C	32,00–50,00	50,00–70,00
Viscosity index, min.	100	105
Content of water soluble acids and alkalis		None
Open flash point, °C, min.		270
Setting point, °C, max.:		
from 4/01 to 9/30		-10
from 9/30 to 4/01		-15
Content of mechanical admixtures, %, max.		none
Water mass fraction, %, max.		none
Corrosive action on metals:		Resistant
Sulfur mass fraction, %, max.		0,4
Cokeability, %, max.		0,8
Ash content, %, max.		0,1
Acidity index, mg KOH per 1 g of oil, max.		0,2
Density at 20°C, kg/m ³ , max.		930

The standard product characteristics are average values and do not constitute the manufacturer's specification. They can be subject to change in accordance with the requirements of INTESMO, LLC. Please contact the technical support team for any question related to the application and replacement of grease products manufactured by INTESMO, LLC.