

LUKOIL STEELO 680

High quality oil for industrial gearboxes and bearings

Approvals

- ThyssenKrupp Industrial Solutions
- WIKOV MGI
- LOESCHE
- Eisenbeiss
- ThyssenKrupp AG Mining Systems
- Santasalo
- Krauss Maffei Berstorff
- Danieli 0.000.001
- Siemens Flender rev. 15
- PJSC "REDUCTOR"

Meet requirements

- DIN 51517-3 (CLP)
- ISO 12925-1 (CKD)
- AGMA 9005-E02 (EP)
- AIST 224
- David Brown S1.53.101
- JIS K 2219:2006
- GB 5903-2011
- SEB 181226

Product description

LUKOIL STEELO 680 is high quality oil for heavy loaded industrial gearboxes.

LUKOIL STEELO 680 offers excellent performance due to carefully selected highly refined base stocks with high viscosity index and special additives package containing sulfur and phosphorus. Optimal ratio of EP properties and anti-friction capacities allow using LUKOIL STEELO oils effectively in various components and units of industrial equipment.

Application

LUKOIL STEELO 680 is recommended for industrial gearboxes and units with steel gears, where EP oils are required. The applications include bearings, wheel, worm and screw gears in different industrial equipment, as well as oil circulation and mist and splash lubricating systems.

The product name in an order: Industrial Gear oil LUKOIL STEELO 680, TU 0253-015-79345251-2008

Typical test data

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"

Property	Test methods	Value
Density at 20 °C, kg/m ³	ASTM D4052	911.7
Kinematic viscosity at 100 °C, mm ² /s	ASTM D445	44.4
Kinematic viscosity at 40 °C, mm ² /s	ASTM D445	648.5
Viscosity index	ASTM D2270	92
Flash Point, COC, °C	ASTM D92	284
Tribological properties on four-ball machine: - Wear scar diameter, mm	GOST 9490	0.34
Tribological properties on four-ball machine: - Index of load wear, N (kgf)	GOST 9490	523 (53)
Pour Point, °C	GOST 20287 B	-18.5

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N3, Secteur 6, Bloc E,
Avenue Mehdi Ben Barka,
Hay Riad, 10000 Rabat,
Morocco
www.lukoil-lubricants.ma

Tel.: (212) 537 57 26 57

Member of:

