

LUKOIL STEELO PREMIUM

100% synthetic (PAO) industrial gear oil

APPROVALS

Krauss Maffei Berstorff (ISO VG 150)
ALTA (ISO VG 220)
Montanari (ISO VG 220)
Bornemann (ISO VG 150)
FLENDER (ISO VG 320, 460)
KUPER (ISO VG 150)

MEETS REQUIREMENTS

DIN 51517-3 CLP
U.S. Steel 224
David Brown S1.53.106
Cincinnati Milacron

PRODUCT DESCRIPTION

LUKOIL STEELO PREMIUM oils are fully synthetic industrial gear oils formulated with high quality base stocks (PAO) and modern additives package. The oils are designed for application in enclosed gearboxes at high loading and temperatures and where improved EP properties required. These oils are applicable in a wide range of temperatures and loading.

LUKOIL STEELO PREMIUM provides stable equipment operation at temperatures from -50 to +130°C.

APPLICATION

LUKOIL STEELO PREMIUM can be used in enclosed gearboxes (with spur, bevel and

worm gears), agitator drive, centrifuge and extruder gearboxes, for lubricating of slide and roller bearing. The oils can be used in circulation, mist and splash lubrication systems.

PROPERTIES AND BENEFITS

- Reduced downtime due to increased oil charge interval
- 100% synthetic components with high viscosity index
- Wide operating temperatures range (from -50 to +130°C) depending on viscosity grade
- Oil charge life exceeds the best mineral oils charge life
- Is applicable in equipment at high temperatures and loading operating modes

The product name in an order:

Industrial Gear oil LUKOIL STEELO PREMIUM 68, STO 79345251-043-2012
 Industrial Gear oil LUKOIL STEELO PREMIUM 100, STO 79345251-043-2012
 Industrial Gear oil LUKOIL STEELO PREMIUM 150, STO 79345251-043-2012
 Industrial Gear oil LUKOIL STEELO PREMIUM 220, STO 79345251-043-2012
 Industrial Gear oil LUKOIL STEELO PREMIUM 320, STO 79345251-043-2012
 Industrial Gear oil LUKOIL STEELO PREMIUM 460, STO 79345251-043-2012

TYPICAL TEST DATA

PROPERTY	Test method	LUKOIL STEELO PREMIUM					
		68	100	150	220	320	460
Kinematic viscosity at 40 °C, mm ² /s	GOST 33 / ASTM D445 / GOST R 53708	69.8	104.1	155	217	326	465
Kinematic viscosity at 100 °C, mm ² /s	GOST 33 / ASTM D445 / GOST R 53708	10.9	14.7	19.9	27.5	35.5	49.8
Viscosity index	GOST 25371 / ASTM D2270	150	150	148	163	155	168
Flash Point, COC, °C	GOST 4333 / ASTM D92	246	229	239	230	250	262
Pour Point, °C, °C	GOST 20287 B	-51	-47	-47	-45	-42	-31
Tribological properties on four-ball machine: -Wear scar diameter, mm	GOST 9490	0.30	0.31	0.33	0.34	0.34	0.34

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".