

# LUKOIL STANDARD

## Multipurpose mineral motor oils

### APPROVALS

**JSC "AVTOVAZ"** (SAE 10W-30, 10W-40, 15W-40)

### MEETS REQUIREMENTS

**API SF/CC**

**JSC "AVTOVAZ"** (SAE 20W-50)

### PRODUCT DESCRIPTION

**LUKOIL STANDARD** is quality motor oils, which ensure significant cost economy. They provide high performance in vehicles with high mileage, as well as with excessive oil consumption. A viscosity grade should be selected to cater to climate of operation area and manufacturer's recommendations.

### FEATURES AND BENEFITS

- Improved thermal and oxidative stability
- The most competitive price in comparison to other high-quality multipurpose oils
- Good detergent properties
- Viscosity grade retention during operation
- Improved oxidative stability and dispersant properties

### APPLICATION

**LUKOIL STANDARD** motor oils are used in engines of many passenger cars and light trucks.

*The product name in an order:*

Motor oil LUKOIL STANDARD SAE 10W-30, API SF/CC, STO 00044434-002-2005

Motor oil LUKOIL STANDARD SAE 10W-40, API SF/CC, STO 00044434-002-2005

Motor oil LUKOIL STANDARD SAE 15W-40, API SF/CC, STO 00044434-002-2005

Motor oil LUKOIL STANDARD SAE 20W-50, API SF/CC, STO 00044434-002-2005

### TYPICAL TEST DATA

PROPERTY	Test method	LUKOIL STANDARD			
		10W-30	10W-40	15W-40	20W-50
Density at 15 °C, kg/m <sup>3</sup>	GOST R 51069 / ASTM D4052 / ASTM D1298	878	878	885	892
Kinematic viscosity at 100 °C, mm <sup>2</sup> /s	GOST 33 / ASTM D445 / GOST R 53708	10.7	13.9	13.8	18.5
Kinematic viscosity at 40 °C, mm <sup>2</sup> /s	GOST 33 / ASTM D445 / GOST R 53708	68.1	91.4	98.9	159.5
Viscosity index	GOST 25371 / ASTM D2270	147	159	136	129
Cold Cranking Viscosity (CCS) , mPa·s	ASTM D5293 / GOST R 52559	5,336 (at -30°C)	5,561 (at -25°C)	5,590 (at -20°C)	5,770 (at -15°C)
Borderline Pumping Viscosity (MRV), mPa·s	ASTM D4684 / GOST R 52257	30,500 (at -35°C)	40,200 (at -30°C)	22,600 (at -25°C)	23,100 (at -20°C)
Total Base Number, mg KOH/1 g oil	GOST 30050 / ASTM D2896	6.7	6.7	6.8	6.6
Sulphated ash, %	GOST 12417 / ASTM D874	1.0	1.0	1.0	1.0
Noack evaporation loss, %	ASTM D5800 / DIN 51581-1	12.5	11.4	9.3	4.8
Flash Point, COC, °C	GOST 4333 / ASTM D92	218	224	226	240
Pour Point, °C	GOST 20287 B	-35	-33	-30	-20

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".