

## CHAIN OIL

### Chain Saw Oil EXPERT– 68, -100, -150 TS U 19.2-32365441-206:2016

#### Composition

Mineral oil with additives that enhance adhesion, anti-corrosion, anti-foam and anti-oxidant properties.

Contains extreme pressure (EP) additive.

#### Application area

Special oils series **Chain Saw Oil EXPERT** is designed for lubrication of chainsaw, chain rails (tires) and the leading asterisks of all kinds of electric and gasoline-powered saws equipped with both manual and automatic lubrication system.

Developed to improve the use of cutting elements chainsaws any models and classes.

#### Key performance properties

- has good adhesiveness (adhesive), that excludes runoff dropwise during operation

and draining the oil at idle time, thereby reducing losses;

- efficiently prevent galling and seizure of rubbing surfaces, providing anti-jam effect of overheating the chain and tires;
- has good fluidity over a wide temperature range, including operation in winter conditions, which is important for the smooth operation of the oil pump (lubrication system with automatic feeding);
- helps to protect chain and tire from moisture and prevent corrosion during prolonged storage of saw, thereby maintaining maximum service life.

#### Physical and chemical properties

Index name	Chain Saw Oil EXPERT			Test methods
	68	100	150	
<b>Comply with international classifications: ISO VG</b>	<b>68</b>	<b>100</b>	<b>150</b>	
1. Kinematic viscosity at 40°C, mm <sup>2</sup> /s, not less than	60-75	90-110	148-165	GOST 33 ASTM D 445
2. Acid number, mg KOH per 1g of oil, not more than	1,5	1,2	1.2	GOST 5985 ASTM D 974
3. Mass fraction of water	Traces			GOST 2477 ASTM D 95
4. Mass fraction of mechanical impurities	0,015			GOST 6370
5. Open cup flash point, °C, not lower than	210	214	220	GOST 4333 ASTM D 92
6. Pour point, °C, not higher than	-30	-30	-28	GOST 20287 ASTM D 97
7. Density at 20°C, kg/m <sup>3</sup> , not more than	900	910	920	GOST 3900
8. Tribological characteristics on four-ball machine at (20 ± 5) ° C and load of 196N: welding load, N, not less than scuffing index, N, not less than wear index mm, not more than	2323 780 0,5			GOST 9490
9. Corrosive effect on the metals copper, 100 ° C, 3 h	Pass			GOST 2917 ASTM D 130

**Shelf life:** 3 years from the manufacturing date.