

CHAIN OIL

Chain Saw Oil STANDATD – 68, -100, -150

TS U 19.2-32365441-206:2016

Composition

Mineral oils with the addition of additives that improve the anti-wear, adhesion, anti-corrosion, anti-foam and anti-oxidant properties.

Application area

Special oils series **Chain Saw Oil STANDARD** 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.

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 STANDARD			Test methods
	68	100	150	
Comply with international classifications: ISO VG				
1. Kinematic viscosity at 40°C, mm ² /s, not less than	61,2-74,8	90-110	135-150	GOST 33 ASTM D 445
2. Acid number, mg KOH per 1g of oil, not more than	1,2	1,2	1,2	GOST 5985 ASTM D 974
3. Mass fraction of water	Traces			ГОСТ 2477 ASTM D 95
4. Mass fraction of mechanical impurities	0,015			ГОСТ 6370
5. Open cup flash point, °C, not lower than	220	226	230	GOST 4333 ASTM D 92
6. Pour point, °C, not higher than	-30	-28	-26	GOST 20287 ASTM D 97
7. Density at 20°C, kg/m ³ , not more than	900	910	920	GOST 3900
8. Tribological characteristics on four-ball machine at (20 ± 5) °C and load of 196N: wear index mm, not more than	0,5			ГОСТ 9490
9. Corrosive effect on the metals copper, 100 °C, 3 h	Pass			ГОСТ 2917 ASTM D 130
10. Color, CNT units, not more than	4	4,5	5	GOST 20284 ASTM D 1500

Shelf life: 3 years from the manufacturing date.