

INDUSTRIAL OILS

Oils for slideways

Agrinol INSp-20, -40, -65, -110

TS U 23.2-36451680-147:2010

Composition

Distillate, residual, and the mixture distillate and residual petroleum oils from sulphurous petroleum selective treatment. Contain antileak, adhesion, extreme, solubilizing and antifoam additives.

Application area

Agrinol INSp-20, -40: easy-to medium-loaded horizontal slideways of machine equipment.

Agrinol INSp-65: medium-and heavy-laden horizontal slideways and vertical slideways. Vertical and horizontal slideways in general lubrication system.

Agrinol INSp 110: vertical slideways and horizontal slideways with vertical edges large area.

Toothed and worm gears, cams, ratchets.

Key performance properties

- provides high smoothness of moving slides, tables, sliders and other components;
- low foaming;
- good anti-wear properties;
- effective additive package allows the use of hydraulic systems, gear and worm gears, bearings circulating lubrication systems.

Physical and chemical properties

Properties	Agrinol INSp-20	Agrinol INSp -40	Agrinol INSp -65	Agrinol INSp -110	Test Method
The oil comply with the international classifications ISO VG (ISO 6743)	32 (G)	68 (G)	100 (G)	220 (G)	Test Method
Соответствие марок маслам-аналогам	-	I-N-E-68	I-N-E-100	I-N-E-220	
1. Kinematic viscosity, at (+40)°C, mm ² /sec:	20-30	50-70	100-110	175-200	DSTU GOST 33
2. Acid number, mg KOH, not more than	2,0				GOST 5985
3. Temperature, ° C: - flash point in open cup, not lower - pour point not higher than	190 -20		210 -15		GOST 4333 GOST 20287
4. Density at +20°C, kg/m ³ , not more than	906	908	910	920	GOST 3900
5. Mechanical impurities mass fraction	0,04				GOST 6370
6. Water mass fraction, not more	Traces				GOST 2477
7. Color on colorimeter CNT, units CNT, not more than	6,0		6,5	7,0	GOST 20284
8. Ash content,%, within	0,15-0,25				GOST 1461
9. Metal corrosion in the oil	Pass				GOST 19199
10. Tribological characteristics at 4 balls machine (20 ± 5) ° C: - scuff index, N, not less - critical load, N, not less - weld load, N, not less	286 720 1960	333 780 2200	355 872 2200	372 872 2450	GOST 9490

Guaranteed storage: 3 years after manufacturing.