

COMPRESSOR OIL

Kompressoil VG -46, -68, -100

TS U 23.2-36451680-156:2010

Structure

Mineral oil with additives to improve lubrication, anti-corrosion, anti-oxidation and anti-foam properties.

Application area

Kompressoil VG oil is intended for greasing of pistons (cross-head, without cross-head, single and multistage) and rotary air compressors working permanently at 220°C on a blowing line. Low-viscosity versions of **Kompressoil VG** oils are used in rotary compressors (in accordance with the recommendations of manufacturers of compressors).

Specially designed for compressors requiring the operation of compressor oils VDL according to DIN 51506 and have additional extreme pressure properties.

Key performance properties

- excellent antioxidant properties that provide long use without replacement fluid;
- Good anti-dividers and vozduhoot properties;
- excellent thermal stability, which prevents the formation of high temperature deposits;
- excellent protection against rust and corrosion;

Physical and chemical properties

Properties	Kompressoil VG			Test Method
	46	68	100	
The oil comply with the international classifications : ISO VG DIN 51506	VDL	VDL	VDL	
1. Kinematic viscosity - at (+40)°C, mm ² /sec, within - at (+100)°C, mm ² /sec, within	42-50 6,5-7,5	61-75 7,5-9,0	90-110 9,5-12,0	GOST 33
2. Viscosity index, not less than	90			GOST 25371
3. Acid number, mg KOH per 1 g of oil, not more than	0,2			GOST 5985
4. Water content	None			GOST 2477
5. Mass fraction of solids	None			GOST 6370
6. Ash%, not more	0,05	0,05	0,05	GOST 1461
7. Flash point (open cup), ° C, not lower	210	220	225	GOST 4333
8. Pour point, ° C, not above	Minus 20			GOST 20287
9. Density at 20 ° C, kg/m ³ , not more	890	890	900	GOST 3900
10. Tendency to foam, cm ³ , not more: - At 24 ° C, the sequence I - At 94 ° C, the sequence II - At 24 ° C, after the test at 94 ° C, III sequence	50 20 50	50 20 50	50 20 50	Acc.p.p.7.3.13 of this TS U
11. Corrosion of metals in oil	Withstands			GOST 2917
12. Colour at CNT diluting 15/85 pt. CNT, not more	1,5			GOST 20284
13. Sulfur content,%, not more	0,3	0,5	0,5	GOST 1437
14. Stability against oxidation: - sediment after oxidation,%, not more	0,02	0,02	0,02	GOST 981

Guaranteed storage: 3 years after manufacturing.