ROSNEFT ARBOTEC 5, 7, 10

PRODUCT DESCRIPTION AND APPLICATION

Product description

Rosneft Arbotec is a special spindle fluid for high-speed and light-load machinery. It is produced from high-quality mineral base stocks as well as enhanced anti-oxidation, anti-wear and anti-corrosion properties.

Application

Rosneft Arbotec is designed to lubricate mechanisms operating at high speeds and light loads, such as: spindle units of lathes and milling machines with friction and rolling bearings, spindles of spinning and twisting machines, separators' thrust bearings, sewing, straight bar, linking and knitting machines. This fluid can be used in circulating and hydraulic systems, which require low viscosity oils and an appropriate level of functional properties. It is possible to use it in overhead lines of oil distribution, precision grinding machines, lathes, boring machines and copying mechanisms, various sensitive devices, for example, in bearings of mechanized and automated telescope drives, laboratory and measuring equipment, etc.

APPROVALS AND SPECIFICATIONS

Viscosity grade:
ISO VG: 5, 7, 10

Approvals and specifications:
Fives Cincinnati P-62

BENEFITS

- Excellent anti-oxidation properties minimizes deposits in the friction units, even at very high rotational speeds, increased operating temperature and a weak heatsink;
- Effective anti-wear properties increase equipment service life and reduce the wear of friction surfaces, especially of bearings and sliding bearings;
- Active anti-corrosive components effectively protect the system from corrosion;
- High level of demulsifying properties quickly remove excess water from the oil circulation system and prevent the formation of persistent water-oil emulsions with insufficient lubricating properties.

PACKAGING

20 L, 216.5 L

Typical Physical and Chemical Properties

Parameter	Test method	Rosneft Arbotec		
		5	7	10
Kinematic viscosity at 40 °C, mm^2/s	ASTM D445	5	7	10
Color CNT, units	ASTM D1500	1,0	1,0	1,0
Total acid number, mg KOH/g	ASTM D664	0,05	0,05	0,05
Sulfur, mass %	ASTM D 4294	0,4	0,4	0,4
Flash point, COC °C	ASTM D92	135	140	150
Pour Point, °C	ASTM D97	-32	-29	-27