



DESCRIPTION AND SCOPE OF APPLICATION

Product description

Rosneft Redutec OE – gear oil specially developed for imported and domestic industrial equipment with medium and high degree of wear. It is made on the basis of a mixture of highly purified mineral oils with a composition of additives that provide high performance properties.

Application

Rosneft Redutec OE designed for use in gears and circulating bearing lubrication systems of industrial equipment with a high degree of wear, operating under medium and high loads, including shock.



Improved anti-wear additives



Effective prolongation of the life of mechanisms



Improved protection against wear and corrosion



Suitable for equipment with a high degree of wear



Not for use in worm gears

APPROVALS AND SPECIFICATIONS

Viscosity grades:

ISO VG: 68, 100, 150, 220, 320, 460, 680

Specifications and approvals:

DIN 51517-3 (CLP)

ADVANTAGES

- A special seal conditioner increases the elasticity of rubber products and causes them to swell within normal limits, reducing gaps and minimizing leaks, thereby reducing oil consumption for topping up;
- The active components of the additive package provide improved protection against micropitting, wear and damage to the teeth of wheels, gears and bearings, increasing the service life of the equipment, thereby reducing the risk of unplanned downtime;
- Excellent anticorrosive properties of the oil ensure the formation of a reliable water-repellent film that protects the surface of equipment components and transmissions from corrosion.

PACKING

216.5 L, 1000 L, tank (auto-, railway)

Typical physical and chemical parameters

Parameter	Test method	Rosneft Redutec OE						
		68	100	150	220	320	460	680
Kinematic viscosity at 40 °C, mm ² /s	GOST 33	68	100	150	220	320	460	680
Acid number, mg KOH/g	GOST 11362	0,80	0,72	0,80	0,60	0,61	0,90	0,90
Foaming tendency: at 24 °C	ASTM D892	10	10	10	20	10	50	50
at 94 °C		50	40	30	30	30	50	50
at 24 °C after testing at 94°C		10	10	10	20	10	50	50
Tribological characteristics on a four ball wear test system: load wear index, N	GOST 9490	421	451	480	490	529	500	510
wear index at axial load, mm		0,40	0,40	0,40	0,40	0,42	0,4	0,4
Open-cup flash point , °C	GOST 4333	219	225	231	225	233	240	250
Pour point, °C	GOST 20287	-31	-25	-25	-21	-19	-16	-16
Density at 15 °C, kg/m3	GOST P51069	896,0	898,7	899,1	903,8	906,7	-	-