

PRODUCT DESCRIPTION AND APPLICATION



Product Description

Rosneft Gidrotec OE HLP is an hydraulic oil produced from highly purified mineral oils and high performance additives with a fluorescent indicator and seal conditioner.

Application

Rosneft Gidrotec OE HLP is intended for use in industrial equipment with a high degree of wear. It meets the requirements of DIN 51524-2, and can be used in hydraulic systems of mobile equipment.

APPROVALS AND SPECIFICATIONS

Viscosity grade:

ISO VG: 32, 46, 68, 100, 150, 220

Approvals and specifications:

DIN 51524-2 (HLP); ISO 11158 (HM) & ASTM D6158-99 HM; Sulzer

BENEFITS

- Seal conditioner increases rubber products' elasticity and causes them to swell within the limits, thereby reducing gaps and minimizing leakage;
- Fluorescent indicator facilitates the rapid detection of leakage with the help of an ultraviolet bulb, and is also a protection against counterfeit products;
- Increased lower limit of kinematic viscosity (no more than 10%) provides a stable pressure in the hydraulic system;
- Can be applied in circulating systems of various industrial equipment throughout all seasons;
- Compliance with DIN 51524-2.

PACKAGING

20 L, 216.5 L, 1000 L, bulk (auto and railroad)

Typical Physical and Chemical Properties

Parameter	Test method	Rosneft Gidrotec OE HLP					
		32	46	68	100	150	220
Kinematic viscosity at 40 °C, mm ² /s	GOST 33	32	46	68	100	150	220
Viscosity index	GOST 25371	100	98	95	93	93	92
Color CNT, units	GOST 20284	1,5	2,0	3,0	4,0	4	4,5
Total acid number, mg KOH/g	GOST 11362	0,51	0,56	0,48	0,60	0,70	0,73
Ash content, %	GOST 1461	0,11	0,15	0,12	0,15	0,15	0,16
Foaming tendency: at 24 °C	GOST 32344	0	0	0	0	0	0
at 94 °C		10	10	15	10	10	10
at 24 °C after test 94 °C		0	0	0	0	0	0
Flash point, COC °C	GOST 4333	205	219	215	221	225	235
Pour point, °C	GOST 20287	-18	-17	-16	-14	-14	-12