

LUKOIL GEYSER ZF

Zink-free Hydraulic Oils for Heavy Duty Applications

APPROVALS

Denison HF-0, HF-1, HF-2 (ISO VG 32, 46, 68)
Krauss Maffei Berstorff (ISO VG 46, 68)
Bosch Rexroth 90220 (ISO VG 32, 46, 68)
WOOJIN PLAIMM (ISO VG 32, 46, 68)
Sumitomo (SHI) DEMAG (ISO VG 68)
AUTOMA (ISO VG 46)
ALTA (ISO VG 46)
Sulzer Pumps (ISO VG 46, 100)
Siemens (ISO VG 46)

MEETS REQUIREMENTS

DIN 51524-1 HL, 51524-2 HLP
Vickers I-286-S, M-2950-S (ISO VG 32, 46, 68)
Cincinnati machine P-68 (ISO VG 32)
Cincinnati machine P-69 (ISO VG 46)
Cincinnati machine P-70 (ISO VG 68)

PRODUCT DESCRIPTION

LUKOIL GEYSER ZF is outstanding hydraulic oils with extremely high level of purity that provide improved anti-wear protection of industrial and automotive hydraulic systems.

LUKOIL GEYSER ZF is blended with leading-edge zinc and chlorine-free additives. Due to using of modern technologies, they offer exceptional performance, and they are

suitable for ultrafiltration systems with fine filters down to 1-5 micron. They ensure reliable and efficient operation of hydraulic systems, components, and tools under severe operating conditions.

APPLICATION

LUKOIL GEYSER ZF is used in hydraulic systems and gear drives in industrial, automotive, and marine equipment.

The product name in an order:

Hydraulic oil LUKOIL GEYSER ZF 22, TU 0253-012-79345251-2008
 Hydraulic oil LUKOIL GEYSER ZF 32, TU 0253-012-79345251-2008
 Hydraulic oil LUKOIL GEYSER ZF 46, TU 0253-012-79345251-2008
 Hydraulic oil LUKOIL GEYSER ZF 68, TU 0253-012-79345251-2008
 Hydraulic oil LUKOIL GEYSER ZF 100, TU 0253-012-79345251-2008

TYPICAL TEST DATA

PROPERTY	Test methods	LUKOIL GEYSER ZF				
		22	32	46	68	100
Density at 20 °C, kg/m ³	GOST 3900 / ASTM D4052	854.6	865.3	875.3	882.8	887.1
Kinematic viscosity at 40 °C, mm ² /s	GOST 33 / ASTM D445	22.2	31.2	45.6	66.3	101.4
Kinematic viscosity at 100 °C, mm ² /s	GOST 33 / ASTM D445	4.5	5.6	6.8	8.4	11.5
Viscosity index	GOST 25371 / ASTM D2270	115	117	104	97	95
Flash Point, COC, °C	GOST 4333 / ASTM D92	212	223	232	245	251
Pour Point, °C	GOST 20287 B	-46	-44	-38	-33	-30
Foaming Tendency / Foam Stability:						
-at 24°C, ml	ASTM D892	10/0	10/0	0/0	0/0	0/0
-at 94°C, ml		20/0	20/0	10/0	10/0	20/0
-at 24°C after test at 94°C, ml		0/0	0/0	0/0	0/0	0/0
Cleanliness levels	GOST 17216	9	9	9	9	10
	ISO 4406	-/14/11	-/14/11	-/13/11	-/13/11	-/14/10

The information given in the typical data does not constitute a specification but is an indication based on current production and can be affected by allowable production tolerances. The right to make modifications is reserved by OOO "LLK-International".