



**<TRATEN>**

**<Heavy Duty Customized Excavator Hydraulic Oil>**

**DESCRIPTION**

LOFGE TRATEN Heavy Duty Customized Excavator Hydraulic Oil are high-performance high-quality oil. It is based on high- quality base oil and carefully selected additive modulation by formula. Designed to meet the needs of under high pressure, high temperature, Moderate to harsh working environment systems of variety hydraulic components.

LOFGE TRATEN Heavy Duty Customized Excavator Hydraulic Oil used in the high-pressure plunger pump of CAT, Komatsu, Hino and the excavator produced in China, which makes the hydraulic system of excavator more smooth, rapid heat dissipation and reduces the generation of foam. Keep the pressure steady during the high-frequency movement, thus making the excavator easy and comfortable in the high-intensity working environment.

- Meets: ISO 11158 TYPE HM
- Meets: DIN 51524 PART 2
- Meets: AFNOR NF-E 48-603 HM, 48-690/1
- Meets: DENISON HF-O

**APPLICATION**

- ★Used to piston pumps of contain gears, blades radial and axial, these system require anti-wear hydraulic oil.
- ★Suitable for hydraulic devices of containing gears and bearings, needing high load-bearing capacity and a thin liquid film and anti-corrosion, anti-wear function pressure devices applications.
- ★Lubrication of high-speed machinery and bearings at high temperature.

**FEATURE**

- Very good anti-wear properties, reduce wear and protect a variety of metal parts.
- Excellent thermal stability and antioxidation, extending oil cycle.
- Good air release and demulsification resistance, reducing the bubble and its adverse role.
- Good anti-rust, anti-corrosion function, reduce the surface rust, to prevent internal corrosion of hydraulic system.
- Quickly separation of moisture, to protect water vapour system of existing a small amount of water.
- Non-corrosion to metal alloys (except silver), compatible with sealing material the general.

**TYPICAL SPECIFICATION**

LOFGE TRATEN	UNITS	46	68	100
(15°C) Density	kg/m <sup>3</sup>	0.877	0.844	0.890
(40°C) Viscosity	mm <sup>2</sup> /s	46	68	100
(100°C)		6.8	8.7	11.6
Viscosity Index	-	105	105	100
Flash Point	°C	220	230	250
Pour Point	°C	-18	-15	-15

The typical specification mentioned represent mean values.