



<BER.HBE>

<Polyethylene Glycol Synthesis Gear Oil>

DESCRIPTION

LOFGE BER.HBE polyethylene glycol synthetic gear oil with high viscosity index base polyethylene glycol (PG) base oil, with unique and special additives, can be for more extreme use mineral oil ability of high and low temperature conditions, with excellent performance. It in the viscosity-temperature, wear-resistant, anti-aging and so on than synthetic hydrocarbon gear oil better.

APPLICATION

★Suitable for heavily loaded, strong impact, extremely temperature , corrosive conditions of industrial gear sets (including worm and hypoid gears) such as large-scale reducer lubrication of cement industry. Also suitable for worm gear sets of using bronze material.

★Also suitable for bearing & circulation lubricants in application where oil temperatures of up to 200°C.

FEATURE

- Extremely high viscosity index maintained viscosity, film thickness, effective lubrication under high temperature, low pour point to provide an effective low-temperature start-up operation.
- Excellent antioxidation and thermal stability, extremely long life.
- To provide low-friction identities and more efficient power train.
- Good mechanical shear stability.
- Excellent workhorse and high wear resistance.
- Small friction coefficient, which can effectively protect non-ferrous components.
- Good anti-corrosion under the humidity and moisture environment.
- Low foam and good air release.

TYPICAL SPECIFICATION

LOFGE BER.HBE	UNITS	150	220	320	460	680
Density (15°C)	Kg/m ³	1.060	1.070	1.070	1.070	1.070
Viscosity Grade	-	150	220	320	460	680
Viscosity (40°C) (100°C)	mm ² /s	136	222	321	460	664
		20.6	34	51	73	107
Viscosity Index	-	179	200	230	239	259
(minimum) Flash Point	°C	255	255	255	260	260
(maximum) Pour Point	°C	-42	-33	-39	-36	-39

The typical specification mentioned represent mean values.