



<BER.HCE> <Synthetic Hydrocarbon Gear Oil>

DESCRIPTION

LOFGE BER.HCE are synthetic hydrocarbon base oils of high viscosity index, coupled with a unique, patented additive system. Which enables these products to provide outstanding performance in extreme service applications at low and high temperature.

APPLICATION

- ★Use in a wide variety of gear and bearing applications where high or low temperatures.
- ★Filled for life gearboxes and gearboxes oil change-out is difficult exceptionally high ratio/ low-efficiency worm gears.
- ★Mixer roll bearings and roll neck bearings where is running in the high-temperature environment.
- ★Specific plastic calendars and severe centrifuge Applications, etc.

FEATURE

- Superior load carrying ability extends service periods.
- Maintains high antioxidant and thermal stability, extended oil life, reduced need and costs for oil change outs.
- High viscosity index provides adequate lubrication to keep viscosity and film thickness under high temperatures; low pour points offers low start-up temperature.
- Excellent performance concerning rust and corrosion prevention water separability, foam control, air release. It protects steel& copper even in the presence of water.

TYPICAL SPECIFICATION

LOFGE BER.HCE	UNITS	32	68	100	150	220	320	460	680	1000
(15°C) Density	Kg/m ³	0.850	0.860	0.860	0.860	0.870	0.870	0.870	0.870	0.870
Viscosity Grade	-	32	68	100	150	220	320	460	680	1000
Viscosity (40°C)	mm ² /s	32	68	98	145	220	320	430	660	940
(100°C)		6.2	10.5	13.8	18.9	24.8	37.5	47.6	62.1	79.4
Viscosity Index	-	144	143	143	145	155	165	170	165	164
(minimum) Flash Point	°C	240	240	245	230	230	245	255	235	260
(maximum) Pour Point	°C	-54	-47	-42	-45	-42	-38	-40	-40	-18

The typical specification mentioned represent mean values.