

## CKD Heavy Duty Industrial Gear Oil

CKD heavy duty industrial gear oil is blended with high quality base oil of high viscosity index and multi-functional additive. It has perfect carrying ability, ensuring smooth operation of the heavy duty gears. The product comprises several grades such as 100, 150, 220, 320, 460, 680 and 1000 according to its kinematic viscosity at 40 °C.

### Advantages

- ⊙ Perfect carrying ability, ensuring smooth operation of gears, reducing scratch of gear surface, effectively reducing operation noise
- ⊙ Good thermal stability, strong anti-oxidation, reducing formation of various harmful oxides and sludge
- ⊙ Outstanding anti-corrosion performance, effectively inhibiting occurrence of corrosion and wear on parts
- ⊙ Good oil-water separation ability and anti-foaming performance with long service life

### Performance

The product meets the following specifications:

- ⊙ GB 5903-95 (L-CKD)
- ⊙ Q/SH303 063-2007
- ⊙ AIST (US Steel) No.224
- ⊙ AGMA 9005-E02 EP

### Applications

- ⊙ Suitable for lubrication of various closed gear transmission system working in severe conditions in such industries as steel, cement, power, mining and so on
- ⊙ Suitable for circulation lubrication system combined spur gear, bevel gear, spiral bevel gear and bearing

### Typical properties

Items	CKD heavy duty industrial gear oil						
	100	150	220	320	460	680	1000
ISO viscosity grade	100	150	220	320	460	680	1000
Kinematic viscosity (40°C), mm <sup>2</sup> /s	98.76	150	217	313	432	662	1059
Viscosity index	92	92	93	92	97	103	114
Flash point (COC), °C	248	235	242	250	238	246	246
Pour point, °C	-12	-12	-9	-9	-12	-12	-12