

## Worm Gear Oil

Worm gear oil is blended with high quality mineral base oil with high viscosity index and high performance additives.

It is suitable for lubrication of worm reduction transmission and gear transmission device. Classified into two types of L-CKE and L-CKE/P (extreme pressure type), the product comprises several grades such as 320, 460 and 680 according to its kinematic viscosity at 40°C.

### Advantages

- ⊙ Oil content additive formulation dedicated to worm gear transmission device, improving transmission efficiency
- ⊙ Good extreme pressure and anti-wear performance, reducing wear of worm wheel pairs
- ⊙ Good oxidation stability, reducing damage to steel, copper and sealing material
- ⊙ Balanced additive formulation, having anti-rust and anti-corrosion performance for nonferrous metal

### Performance

The product meets the following specifications:

- ⊙ SH/T 0094-91
- ⊙ ISO 6743-6 L-CKE, L-CKE/P

### Applications

- ⊙ Suitable for lubrication of closed worm gear transmission, e.g. gear driving machine of passenger and service lifts
- ⊙ L-CKE/P worm gear oil is especially suitable for copper-steel heavy duty worm gear reduction device with shock load

### Typical properties

Items	L-CKE Worm gear oil				L-CKE/P Worm gear oil		
	220	320	460	680	320	460	680
ISO viscosity grade	220	320	460	680	320	460	680
Kinematic viscosity (40°C), mm <sup>2</sup> /s	220.9	329.5	457.8	682.3	338.6	474.4	684.5
Flash point (COC), t	273	276	281	278	246	261	276