

## Low Temperature Heavy Duty Industrial Gear Oil

Low temperature heavy duty industrial gear oil is blended with highly refined base oil and well-chosen additives. It has outstanding low temperature performance, especially suitable for the lubrication of outdoor reduction unit in severe cold regions. The product comprises several grades such as 220, 320 and 460 according to its kinematic viscosity at 40°C.

### Advantages

- ⊙ Improved low temperature performance based on heavy duty industrial gear oil
- ⊙ Especially suitable for lubrication of outdoor reduction unit in severe cold regions
- ⊙ Outstanding carrying ability and anti-oxidation performance, avoiding scratch of gear surface, prolonging service life of oil
- ⊙ Good oil-water separation ability and anti-foaming performance with long service life

### Performance

The product meets the following specifications:

- ⊙ Q/SH PRD152-2008
- ⊙ GB 5903-95 (L-CKD)
- ⊙ AIST (US Steel) No.224
- ⊙ AGMA 9005-E02 EP

### Applications

- ⊙ Suitable for stationary reduction gearboxes without heating device in severe cold region or low temperature outdoor atmosphere and reducer of construction machinery
- ⊙ Suitable for lubrication of equipment in high/low temperature conditions, prolonging service life of oil in gear transmission system and circulation lubrication system

### Typical properties

Items	Low temperature heavy duty industrial gear oil	
	220	460
ISO viscosity grade	220	460
Kinematic viscosity (40°C), mm <sup>2</sup> /s	224	481.4
Viscosity index	115	126
Flash point (COC), °C	233	236
Pour point, °C	-32	-26
Rust protection (method A&B)	No rust	No rust