

## 4407 Synthetic Heavy Duty Industrial Gear Oil

SINOPEC 4407 synthetic heavy duty industrial gear oil is blended with special semi-synthetic base oil and plural multi-functional quality additives.

### Advantages

- ⊙ Better viscosity-temperature and low temperature properties, meeting application requirements of wider temperature range, having better fluidity and pumping property in low temperature condition
- ⊙ Good heat stability, strong anti-oxidation, reducing formation of various harmful oxides, prolonging service life of oil
- ⊙ Better oil-water separation ability, meeting application requirements of severer operating mode, reducing oil consumption
- ⊙ Better anti-corrosion, rust-proof and defoaming properties, effectively inhibiting occurrence of corrosion and wear on parts, providing better protection for equipment
- ⊙ Perfect bearing ability, ensuring smooth operation of heavy duty gears, reducing scratch of gear surface, effectively reducing operation noise

### Applications

- ⊙ Suitable for gears of various severe operating modes, especially for heavy duty industrial gears requiring higher low temperature fluidity and water separation property in such industries as mining, metallurgy, cement and so on
- ⊙ Applied temperature range: -20℃ ~ 120℃, and 130℃ for short period of time

### Typical Properties

Items	4407 synthetic heavy duty industrial gear oil			
	150	220	460	680
Kinematic viscosity (40℃), mm <sup>2</sup> /s	147.6	214.5	468.4	675.6
Viscosity index	110	108	119	143
Pour point, ℃	-28	-24	-17	-18
Four-ball machine test				
Sintering load, N	3087	3087	3920	3920
NComprehensive wear index, N	569	563	596	606
Diameter of wear spot, mm	0.31	0.29	0.30	0.33

### Similar Foreign Products

- ⊙ Can be replaced with Mobil 600, Shell Omala series in gear driving applications

### Application Examples

- ⊙ A steel group in Jiangsu province, China, replaced this product with original Shell Omala and Mobil Gear 600 series successfully for metallurgical equipment
- ⊙ An aluminum group in Henan province, China, applied this product instead of Mobil Gear 600
- ⊙ A textile group has applied the product to lubricate reduction box of gripper loom for years, and it works well

### Special Attentions

- ⊙ Do not mix with other oils
- ⊙ Keep moisture and debris away during transportation and storage

### Packing

- ⊙ To be packed with 4L, 200L iron barrels or as required by customer