

## 4413 Express Pump Gear Oil

SINOPEC 4413 express pump gear oil is blended with synthetic base oil and plural highly refined additives such as extreme pressure agent, anti-oxidizer, anti-corrosion agent and so on.

### Advantages

- ⊙ Outstanding viscosity-temperature property
- ⊙ Outstanding high/low temperature property, adaptable to various severe working conditions
- ⊙ Outstanding high temperature oxidation resistance and anti-shear stability, ensuring oil drainage longer than 8000hrs
- ⊙ Outstanding lubricity, protecting equipment by reducing wear, prolonging service life of equipment

### Performance Specification

The product meets the following specifications:

- ⊙ Q/SH PRD232—2008

### Applications

- ⊙ Suitable for lubrication of gear system and bearing of express centrifugal pump (e.g. Sundyne pump) in various rotation speeds
- ⊙ Applied temperature range: -45℃ ~ 150℃

### Typical Properties

Items	4413 express pump gear oil
Kinematic viscosity, mm <sup>2</sup> /s	
100℃	6.714
40℃	37.66
Viscosity index	136
Flash point (open), ℃	236
Freezing point, ℃	<-60
Neutralization value, mgKOH/g	0.42
Shear stability (ultrasonic shearing method) 40℃ kinematic viscosity variation, %	0.5

### Technical Certification

- ⊙ OEM certificate of Beijing aerospace propulsion institute

Synthetic Gear Oil

## Similar Foreign Products

- ⊙ Performs as good as American Apollo Oil specially for express pump, ATF-220 of SHELL and MOBIL

## Application Examples

- ⊙ It has been used in SUNDYNE express pumps of large petrochemical enterprises such as SINOPEC (Tianjin), CNPC (Liaoyang), CNPC (Lanzhou) and CNPC (Urumqi) and gains customer compliment

## Special Attentions

- ⊙ Clean the lubricating system when first use, and do not mix with other lubricant
- ⊙ Close the cap tightly after each use to keep moisture and debris away
- ⊙ Store under clean, dry condition, away from light

## Packing

- ⊙ To be packed with 4L plastic drum or as required by customers