

## 4632 Ester Type Fire Resistant Hydraulic Oil

SINOPEC 4632 ester type fire resistant hydraulic oil is blended with synthetic base oil of special structure and plural additives such as anti-oxidizer, anti-corrosion agent and lubrication and so on. Poisonless and biodegradable, the product is a new generation of environment friendly lubricant.

### Advantages

- ⊙ Low pour point, high splash point and high viscosity index
- ⊙ Outstanding lubricity and material adaptability
- ⊙ Good heat stability, and outstanding anti-shear stability
- ⊙ Bio-degradable

### Performance Specification

The product meets the following specifications:

- ⊙ Q/SH PRD123—2008

### Applications

- ⊙ Suitable for hydraulic system of continuous casting production line in steel industry and other hydraulic system with fire resistance and safety requirements of equipment used in furnace, disintegrator, hot rolling plant, foundry plant, steel ladle valve, power station, coal mine and so on. Capable for substituting phosphate ester type fire resistant hydraulic oil
- ⊙ Applied temperature range: -20℃ ~ 135℃

### Typical Properties

Items	4632 ester type fire resistant hydraulic oil	
	N46	N68
Kinematic viscosity (40℃), mm <sup>2</sup> /s	47	69
Viscosity index	185	190
Flash point, ℃	280	289
Ignition point, ℃	350	350
Acid number, mgKOH/g	0.7	0.8
Manifold fire test	Pass	Pass

### Technical Certification

- ⊙ Technical recognition for matching material by Wuhan Atlantic Metallurgical Engineering & Technology Co., Ltd
- ⊙ Technical recognition for matching material by CISDI Engineering Co., Ltd

## Similar Foreign Products

- ⊙ QUAKER Quintolubric 822 series
- ⊙ Houghton HF-120,130
- ⊙ Metalworking HFR-300

## Application Examples

- ⊙ Applied in hydraulic system of furnace arch and cast house of a steel Co., Ltd
- ⊙ Applied in hydraulic station of a textile machine company
- ⊙ Applied in hydraulic station of continuous casting shop of a company's steelworks

## Special Attentions

- ⊙ When substituted, mineral type oil in system to be kept less than 5%
- ⊙ When water-based fire resistant hydraulic oil substituted, water content in system to be kept less than 0.2%
- ⊙ When phosphate ester and other ester type fire resistant hydraulic oil substituted, pay attention to compatibility and adaptability to seals

## Packing

- ⊙ To be packed with 4L plastic drum and 200L iron barrel