

# CIRCULAR P

ISO VG 150, 220, 320, 460

## Product Description

Multipurpose lubricating oil for circulation system in industry. CIRCULAR P is formulated from high quality base oil with rust and oxidation inhibitor. It is also exhibit excellent water separability.

## Benefits

- Good thermal and oxidation stability which can control sludge formation in the oil.
- Excellent oil-water separation property.
- Corrosion and rust protection.

## Applications

- Suitable for circulation system in which require rust and oxidation inhibited lubricating oil.
- Can be used in gear system, bearing and air pump which operate at moderate duty and moderate temperature.
- Drip-feeding.

*The Moving Innovation* 

# CIRCULAR P

ISO VG 150, 220, 320, 460

## Typical Characteristics

Tests	Methods	Units	Results				
			150	220	320	460	
Kinematic Viscosity at 40 °C	ASTM D 445	mm <sup>2</sup> /s	152.56	234.7	326.4	466.2	
Kinematic Viscosity at 100 °C	ASTM D 445	mm <sup>2</sup> /s	14.81	19.57	23.8	29.8	
Viscosity Index	ASTM D 2270		96	95	92	92	
Flash Point (COC)	ASTM D 92	°C	224	235	240	246	
Pour Point	ASTM D 5950	°C	-15	-12	-12	-12	
Rust Prevention	ASTM D 665		Pass	Pass	Pass	Pass	
Water separation	ASTM D 1401		40-40-0 (15)	40-40-0 (20)	40-40-0 (25)	40-40-0 (30)	
Foaming	Seq. I	ASTM D 892	ml/ml	Nil/0	Nil/0	Nil/0	Nil/0
	Seq. II	ASTM D 892	ml/ml	Nil/0	Nil/0	5/0	10/0
	Seq. III	ASTM D 892	ml/ml	Nil/0	Nil/0	Nil/0	Nil/0

## Performance Standards

- DIN 51524 Part 1

## Health and Safety

This product shows no significant health or safety hazard when used under the recommended applications and suitable handling.

Avoid the direct contact. Wash immediately after contact. Health and safety information is available on the Safety Data Sheet (SDS) which can be obtained from <http://pttlubricants.pttor.com>

**PTT LUBE SOLUTIONS** Professional Lubricant Service Partner



The product can cause some skin irritation and has flash point higher than 93.4°C

Note: Data and information contained in this publication are based on standard test under laboratory conditions and/or performance test. To consider the use of PTT Lubricants' products in particular application, customer is responsible for determining whether product and information are appropriate for customer conditions or should consult with PTT Lubricants' technical service division. The procedure of using any lubricant may differ or change depended on different machines and their manuals. Therefore, we recommend to read, understand and review the latest SDS in order to ensure the use of product is accomplished safety.

The Moving Innovation