

FAIRCOL NS 32

High performance long-life compressor oil for rotary air compressors

FAIRCOL NS 32 is a high performance long-life compressor oil for rotary air compressors, which can propose the operation for 12,000 hours without oil exchange. FAIRCOL NS 32 is formulated with highly hydrocracked mineral oil and special additives which succeeded in reducing sludge. FAIRCOL NS 32 is designed to meet the severe requirements such as high efficiency of the compressors, high load operation and maintenance-free.

● SPECIAL FEATURES

1. Longer Oil Life

FAIRCOL NS 32 realized the compressor operation for 12,000 hours without oil exchange, which is even equal to synthetic oil (average oil temperature; 80°C, discharge pressure; 0.7MPa, continuous operation with full load).

2. Reduced Sludge Trouble

FAIRCOL NS 32 realized the decrease of the trouble by the sludge generation in the long run tests of actual compressors by several manufacturers.

3. Good Compatibility with Organic Materials

Because FAIRCOL NS 32 is a lubricant of mineral base oil, it does not produce an oil leak trouble by the rubber sealing shrinkage and also affect various organic materials of parts such as level gauge resin material.

4. Easy Oil Management

FAIRCOL NS 32 is a lubricant of easy oil management since change of acid value becomes large at the end of the oil life.

5. Others

(1) Excellent water separating characteristics

It maintains long-term water separating property in a wide temperature range.

(2) Good foam resistance

It realizes effective de-foaming property for a long term.

(3) Effective rust prevention

It provides protection against rust and corrosion of compressors for a long time.

(4) Prevention of the bad smell

It can prevent an unpleasant smell at the compressor operation, because no volatile component is included.

(5) Good starting-up performance at low tem-

perature

It can improve starting-up property at low temperature due to high viscosity index base oil and good low temperature fluidity.

● PRECAUTION

FAIRCOL NS 32 may change in color to light red during storage. The color change occurs due to an amine-type antioxidant, however, it has no adverse effect on the performances of this oil. It can be used as usual.

● APPLICATIONS

Screw compressors
Scroll compressors
Rotary vane compressors

● CONTAINERS

200-liter drums and 20-liter cans

● TYPICAL PROPERTIES of FAIRCOL NS 32



Color	(ASTM)		L0.5
Density	(15 °C)	g/cm ³	0.846
Kinematic viscosity	(40 °C)	mm ² /s	30.7
	(100 °C)	mm ² /s	5.73
Viscosity index			130
CCS viscosity	(-18°C)	mPa·s	1000
Flash point	(COC)	°C	240
Pour point		°C	-25
Acid number		mgKOH/g	0.02
Water separability (54°C,40-40-0mL)		min	5
Rust prevention	(Distilled water, 60 °C, 24h)		No rust

Handling Precautions

▼ Follow these precautions when handling this product.

<p>! CAUTION</p> <p>Handling Precautions</p>	<ul style="list-style-type: none"> ● <u>Inflammation can occur if oil enters the eyes.</u> When handling this oil, wear <u>protective goggles</u> or take other measures to <u>prevent eye contact</u>. ● <u>Inflammation can occur if oil comes into contact with skin.</u> When handling this oil, wear <u>protective gloves</u> or take other measures to <u>prevent skin contact</u>. ● Do not drink this oil. (Swallowing this oil can cause diarrhea and nausea.) ● <u>Keep out of reach of children.</u> ● Read the Safety Data Sheet (SDS) for this product before using the product. Obtain the Safety Data Sheet from where you purchased the product.
<p>First Aid</p>	<ul style="list-style-type: none"> ● In case of eye contact, rinse eyes thoroughly with clean water and consult with a physician. ● In case of skin contact, wash skin thoroughly with soap and water. ● If this oil is swallowed, do not induce vomiting. Consult with a physician immediately.
<p>Disposal of Used Oil and Containers</p>	<ul style="list-style-type: none"> ● Do not apply pressure to empty containers. The containers may burst if pressure is applied. ● Do not weld, heat, drill, or cut the containers. The remaining oil may ignite and the containers may explode. ● Follow all applicable laws and regulations when disposing of used oil or containers. If you are unsure of the proper disposal methods, consult first with the seller of the oil.
<p>Storage Method</p>	<p>Seal the container tightly after use in order to prevent dirt, moisture, etc., from entering the oil. Store in a dark location. Avoid direct sunlight.</p>