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 manufactures.

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 temperature

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.**

Composition :	Base Oil, Additives
Precautionary pictograms:	Not applicable
Signal word:	Not applicable
Hazard Statement:	Not applicable
Precautionary Statements: **Prevention**	・Do not handle until all safety precautions have been read and understood. ・Wear protective gloves/protective clothing/eye protection/face protection. ・Do not allow the eyes to become exposed to the product. Do not swallow the product. ・Wash hands thoroughly after handling. ・Do not eat, drink or smoke when using this product.
Response	・IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. ・IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. ・If the eyes are exposed to the product: Rinse the eyes with plenty of running water and immediately contact a physician. ・IF ON SKIN: Wash with plenty of soap and water.
Storage	・The product must be stored in a cool, well-ventilated location where it will not be exposed to direct sunlight. ・Containers that have been opened must be tightly sealed.
Disposal	・Dispose of contents/container in accordance with local/regional/national/international regulations. ・If there are any doubts about proper methods of handling the product, contact the point of purchase before proceeding with usage.