

IND-2001-2104E

# FAIRCOL A

## GENERAL-PURPOSE OILS

### FOR RECIPROCATING AIR COMPRESSORS

The oils in the FAIRCOL A series have been prepared for use with air compressors through the combination of specially refined paraffinic base oils and special additives. These oils keep to a minimum the carbonization that can occur at high temperatures and pressures in the discharge systems of air compressors.

#### ● SPECIAL FEATURES

##### 1. Good Heat Stability and Resistance to Carbonization

In order to provide the best in heat stability, these oils have been blended from specially refined base oils and carefully selected additives. This combination keeps carbonization to a minimum even at high discharge temperatures. As a result, there is very little carbon adhesion even on discharge valves and pipes that are exposed to high temperatures and pressures, so maintenance and control of the compressors are simple.

##### 2. Excellent Oxidation Stability

Even when FAIRCOL A is used for long periods in the external parts of compressors, its special antioxidants resist oxidation. Since no sludge forms, crankcases are kept constantly clean.

##### 3. Superior Rust Prevention

FAIRCOL A contains superior antirust additives that prevent rust from forming inside crankcases.

##### 4. Little Foaming

FAIRCOL A does not foam easily even when agitated inside crankcases, so lubrication is maintained safely at all times.

##### 5. Good Moisture Separation

Since these oils have good water separation, even if water should enter the crank-case, it can be separated out easily by leaving the oil standing.

#### ● GRADES

There are four grades in the FAIRCOL A series: 46, 68, 100 and 150. These numbers indicate each grade's approximate viscosity mm<sup>2</sup>/s at 40°C.

#### ● APPLICATIONS

FAIRCOL A is intended for the internal and external lubrication of small and general-purpose compressors. It demonstrates its excellent performance especially with compressors that operate at high temperatures, where carbonization is likely to occur.

#### ● CONTAINERS :

200-liter drums, 20-liter cans  
and 4-liter cans(VG48, 68)

#### ● TYPICAL PROPERTIES OF FAIRCOL A

ISO VG	46	68	100	150
Color(ASTM)	L1.5	L1.5	L1.5	L1.5
Density(15 °C) g/cm <sup>3</sup>	0.878	0.882	0.887	0.891
Viscosity(40°C) mm <sup>2</sup> /s	45.37	68.01	99.22	149.9
Viscosity (100°C) mm <sup>2</sup> /s	6.646	8.654	11.09	14.62
Viscosity index	98	98	96	96
Flash point (COC) °C	246	254	270	280
Pour point °C	-15	-12.5	-12.5	-12.5
Acid number mgKOH/g	0.27	0.27	0.27	0.27
Rust prevention (Distilled water, 60 °C, 24h)	No rust	No rust	No rust	No rust
Copper strip corrosion (100°C, 3h)	1	1	1	1

Note: The typical properties may be changed without notice. (March 2017)



## Handling Precautions

▼ Follow these precautions when handling this product.

<b>Composition :</b>	Base Oil, Additives
<b>Precautionary pictograms:</b>	Not applicable
<b>Signal word:</b>	Not applicable
<b>Hazard Statement:</b>	Not applicable
<b>Precautionary Statements:</b>	<ul style="list-style-type: none"><li>• Do not handle until all safety precautions have been read and understood.</li><li>• Wear protective gloves/protective clothing/eye protection/face protection.</li><li>• Do not allow the eyes to become exposed to the product. Do not swallow the product.</li><li>• Wash hands thoroughly after handling.</li><li>• Do not eat, drink or smoke when using this product.</li></ul>
<b>Prevention</b>	
<b>Response</b>	<ul style="list-style-type: none"><li>• IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.</li><li>• IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.</li><li>• If the eyes are exposed to the product: Rinse the eyes with plenty of running water and immediately contact a physician.</li><li>• IF ON SKIN: Wash with plenty of soap and water.</li></ul>
<b>Storage</b>	<ul style="list-style-type: none"><li>• The product must be stored in a cool, well-ventilated location where it will not be exposed to direct sunlight.</li><li>• Containers that have been opened must be tightly sealed.</li></ul>
<b>Disposal</b>	<ul style="list-style-type: none"><li>• Dispose of contents/container in accordance with local/regional/national/international regulations.</li><li>• If there are any doubts about proper methods of handling the product, contact the point of purchase before proceeding with usage.</li></ul>