

FBK OIL RO

MULTI-PURPOSE INDUSTRIAL OIL

FBK OIL RO is a high-grade industrial oil composed of solvent refined paraffinic base oil, selected anti-oxidants, corrosion inhibitors, anti-wear agents and a defoamant. The superior performance of this oil fulfills almost all demands for general industrial bearing oils, gear lubricants and compressor fluids. Accordingly, FBK OIL RO is particularly recommended where a single industrial oil is required for multipurpose services in industrial sites. There are 8 grades available to meet a wide range of applications, with viscosities ranging from 32 cSt to 460 cSt at 40°C

● SPECIAL FEATURES

1. Superior Lubrication

The high viscosity index, anti-wear performance (oil-film strength) and low friction coefficient guarantee superior lubrication in a variety of applications.

2. Excellent Oxidation and Thermal Stability

FBK OIL RO's highly refined base oil, with superb oxidation and heat stability, is supported with carefully selected anti-oxidants to provide outstanding performance even during extended operation. Thermal degradation is minimal and sludge formation is

almost non-existent. Accordingly, FBK OIL RO performs excellently in compressors and other high-temperature environments.

3. Corrosion and Rust Protection

FBK OIL RO includes a specially selected corrosion inhibitor, effective even in high-moisture conditions.

4. Good Water Separation

Water separates rapidly from FBK OIL RO so that, it can be removed easily with normal methods, such as a centrifuge or settling tank.

5. Resistance to Foaming

An effective foam inhibitor having superior properties has been added, so there is no worry

about intermittent oil supply due to foaming.

● GRADES

FBK OIL RO is available in eight ISO viscosity grades: 32, 46, 68, 100, 150, 220, 320, and 460. The grade number is a close approximation of the viscosity in cSt at 40°C.

● APPLICATIONS

1. Bearing lubrication for steel and non-ferrous metal rolling machines, rubber and vinyl rolls and calenders, paper machines, motors, pumps, generators, ventilation equipment.
2. Lubricants used in reduction equipment.
3. Internal and external lubrication of air and gas compressors.
4. Wide application for machine tool lubrication.
5. Hydraulic circuits.
6. Lubrication of Kaplan turbine runner bosses.
7. Other gears and bearings where rapid corrosion is expected.

● SHIPPING CONTAINERS

200-liter drums and 20-liter cans.

FBK OIL RO TYPICAL TEST DATA

ISO Viscosity Grade		32	46	68	100	150	220	320	460
Density (15°C)	g/cm ³	0.868	0.870	0.871	0.883	0.884	0.890	0.892	0.896
Kinematic Viscosity (40°C)	mm ² /s	32	46.5	67.2	102	150	220	320	460
	(100°C)	mm ² /s	5.4	6.8	8.6	11.3	14.6	19.2	24.7
Viscosity Index		102	98	98	96	96	98	97	95
Flash Point	°C	214	225	238	246	250	270	280	292
Pour Point	°C	-12.5	-12.5	-12.5	-12.5	-12.5	-12.5	-12.5	-12.5
Oxidation Stability (170°C,24h)		Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
Rust Test (artificial seawater)		Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass



Handling Precautions

▼ Follow the following precautions when handling this product.

- Read this product's Material Safety Data Sheet before using the product.
- Obey all applicable laws and regulations concerning the handling and disposal of this product, particularly laws and regulations related to fire safety, the treatment and disposal of waste and sewage, the prevention of water and ocean pollution, and workplace safety and hygiene.
Please request the Material Safety Date Sheet where you purchased this product.