

Superior lubricant for superior efficiency.

CIRKEL

Industrial Circulating Oil

Byco Cirkel Circulating Oils are premium quality, refined paraffinic mineral oils chosen for their ability to provide superior lubrication in a wide range of industrial applications. It can be used for general purpose lubrication and mild load application.



Applications

- Suitable for plain & roller bearings.
- Enclosed spur, helical, bevel and worm gear boxes that require non-additive mineral oils applications approved by gear manufacturer.
- Industrial circulating systems, particularly those incorporating clay filters to remove high levels of contamination.
- Process or extender oils used in rubber & plastic industries.
- Used in industrial application where load bearing and temperature range are moderate.

Benefits

- **Good Oxidation and Thermal Stability**
Offers strong resistance to the formation of sludge and harmful products of oxidation-long oil and equipment life.
- **Water Separating Properties**
Byco Cirkel Oils offer excellent water shedding properties. Water contents if any can be drained easily from lubrication system, thereby reducing fatigue of gear and bearing interfaces and prevents promotions of ferrous corrosion on all internal surfaces.
- **Long Oil Service Life**
Natural oxidation stability resists oil degradation and protects against oil thickening. Minimal change of oil viscosity over operating temperature range.

Key Properties

ISO Grade	32	46	68	100	150	220	320	Test Method
Viscosity Kinematic	-	-	-	-	-	-	-	-
mm ² /s@40°C	32	46	68	100	150	220	320	ASTM D-445
mm ² /s@100°C	5.4	6.8	8.5	11.1	14.5	19.2	23.9	ASTM D-445
Viscosity Index	100	100	95	95	95	98	95	ASTM D-2270
Flash Point	210	220	230	238	244	250	280	ASTM D-92
Pour Point°C	-12	-9	-9	-9	-9	-9	-9	ASTM D-97

Note: The typical characteristics are given as a guide only and may vary according to latest production according to ISO.



ENVIRONMENTAL, HEALTH & SAFETY

Environmental, Health & Safety Information of this product is available in Byco Material Safety Data Sheet (MSDS). Customers are encouraged to review this information, follow precautions and complying with the guidelines in consuming of the product, its use and disposal.

Product Data Sheet

byco

BYCO PETROLEUM PAKISTAN LIMITED
9th Floor, The Harbour Front, Dolmen City HC-3,
Block 4, Marine Drive, Clifton, Karachi - 75600, Pakistan

UAN: (+92 21) 111 222 081
FAX: (+92 21) 111 888 081
Email: customercare@byco.com.pk

www.byco.com.pk