Eterna CLO Oils

High performance Circulatory oils

Eternal CLO grades are a range of premium quality circulatory oils possessing inherently good resistance to oxidation and good demulsification properties. It is recommended for use where the extra oxidation resistance or load carrying characteristics of additive treated oils are not required. Eternal CLO is also recommended as a Spark Erosion Fluid

Applications

Eterna CLO Oils are suitable for a variety of applications such as the lubrication of

- Bearings
- High-speed Spindles
- Vacuum pumps
- Ring-oiled and Wick-fed bearing
- Machine tools

Performance Features

- *Highly refined mineral oil makes the product suitable for applications where non additivated oils can be used.*
- ***Excellent Oxidation resistance***
  Excellent Resistance to oxidation in the presence of air, water and copper.
- ***Good quality mineral oil enables long service life***
- ***Low pour point provides trouble free operation in cold conditions***

Advice

Advice on applications not covered in this leaflet may be obtained from the Eterna PLC, 5a Oba Adeyinka Oyekan Avenue, Ikoyi

Compatibility

Eterna CLO Oil range is fully compatible with Nitrile, silicon and fluropolymer seal materials.

Health, Safety & Environment

Eterna CLO Oils are unlikely to present any significant HSE hazard when properly used in the recommended application whilst good industrial, personal hygiene and environmental standards are maintained.

Avoid contact with skin. Use impervious gloves with used oil. In the event of skin contact, wash immediately with soap and water.

Dispose used oil safely. Do not discharge into drains, soil or water.

Tel: 01-8981836, 8981842, 2691651

Typical Physical Characteristics

Eterna CLO OIL Range	**32**	**46**	**68**	**100**	**150**	**220**	**320**	**460**
Kinematic Viscosity @ 40°C mm2/s	31.5	46	68	100	150	220	320	468
Kinematic Viscosity @ 100°C mm2/s	5.25	6.6	8.65	10.96	14.28	18.76	23.6	30.5
Viscosity Index	96	97	98	93	92	95	93	93
Density @ 20°Ckg/l	0.860	0.873	0.877	0.882	0.886	0.889	0.894	0.899
Flash Point °C (COC)	208	212	238	248	252	284	290	300
Pour Point °C	-12	-9	-9	-9	-9	-6	-6	-6

These characteristics are typical of current production. Whilst future production will conform to ETERNA Specifications, variations in these characteristics may occur.