

# Gencirc 32, 46, 68 and 100

*Turbine and Circulating Oils*

## Description

Gencirc 32, 46, 68 and 100 are high quality circulation oils, formulated from turbine quality severely hydrotreated base oils and enhanced by the addition of selected inhibitors which provide resistance to thermal degradation in the presence of entrained air and catalyzing metals found in circulation systems, especially in the presence of water.

Gencirc 32, 46, 68 and 100 are also designed for superior performance in turbine systems where zinc based turbine oils are recommended. These products contain anti-oxidants, rust inhibitors, metal deactivators, defoamants and exhibit good film strength and demulsibility that permits water and other contaminants to readily separate from the oil in the system reservoir

## Application

Gencirc 32, 46, 68 and 100 are recommended for the lubrication of plain and rolling element bearings, slides, journals and lightly loaded gearboxes where circulation oil is required.

They are also recommended for circulation systems of turbines with or without associated gearboxes (provided EP is not required), bearings, compressors, vacuum pumps, hydraulic and hydraulic control systems not requiring anti-wear hydraulic fluids, fluid couplings, numerically controlled machine tools etc., particularly when turbine quality oils are needed.

## Benefits

- Excellent wear protection.
- Excellent long term protection against rust and corrosion.
- No filter blockage even with fine filters.
- Very good oxidation stability.
- Very good demulsibility for rapid separation of water.

## Typical Physical Characteristics

Gencirc	32	46	68	100
Viscosity, cSt @ 40 °C	31	43	65	85
Viscosity, cSt @ 100 °C	5,3	6,5	8,6	10,0
Flash Point, °C, min.	207	207	210	210
Pour Point, °C	-9	-9	-9	-9
Density @ 20 °C, kg/l	0,867	0,870	0,874	0,876
ASTM Rust Test, A & B	Pass	Pass	Pass	Pass

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*Due to continual product research and development, the information contained herein is subject to change without notification. Refer to the Material Safety Data Sheet (MSDS) for information on the safe handling and use of this product.*

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