

Gencirc 150, 220 and 320

Circulating Oils

Description

Gencirc 150, 220 and 320 oils are formulated from HVI paraffinic base oils and selected additives which include oxidation inhibitors, anti-rust, defoamant and anti-wear agents. These Gencirc oils are high quality circulation and general purpose lubricants that have the ability to rapidly separate from water, prevent rust, protect against the formation of emulsions and sludges which seriously detract from lubricating efficiency. Gencirc 150, 220, and 320 have marked resistance to foaming and excellent air release which is particularly vital in circulation systems in which entrained air can lead to pump cavitation and erratic operation.

Application

Gencirc 150, 220, and 320 are intended primarily for continuous re-circulation where design factors and maintenance ensure low leakage losses. Specialized uses include hydraulic systems, certain marine steam turbines (Gencirc 150) as well as their associated reduction gears. Circulation oil applications include, ring, collar and chain-oiled bearings, splash oiling and bath systems. These oils find application in bearings and industrial enclosed spur or bevel gears, provided EP is not required. Gencirc 150, 220, and 320 are particularly suited to the lubrication of antifriction bearings of paper mill dryer rolls, plastic film calendars and paper corrugators where their excellent resistance to the formation of harmful deposits produces outstanding benefits. Gencirc 150 and Gencirc 220 have been approved by Transnet for the lubrication of the friction (plain bearing) bearings in axle boxes as found on certain rail wagons, in place of Axle Oil 150.

Benefits

- Excellent anti-wear characteristics.
- Good demulsibility for rapid separation of water.
- Good oxidation stability and freedom from deposits.
- Excellent long term protection against rust and corrosion.

Typical Physical Characteristics

Gencirc	150	220	320
Viscosity, cSt @ 40 °C	143	210	304
Viscosity, cSt @ 100 °C	15	18	23
Viscosity Index, min.	95	95	95
Flash Point, °C, min.	227	227	238
Density @ 20 °C, kg/l	0,883	0,889	0,894
David Brown/Crofts Grade	4/D	5/E	6/F
ISO VG	150	220	320

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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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