

NATIONAL Circulation Oil

NATIONAL Circulation Oil series is high-quality circulation oil made from select base oils with ability to provide superior lubrication in a wide range of industrial applications.

Benefits

- Good resistance to the formation of harmful deposits due to its inherent Oxidation stability
- Rapidly separate from water, prevent emulsion and sludge build up, which hampers lubricating efficiency.
- Resists foaming and has good air release, which are primary needs in any circulation system.

Applications

- Circulation and general-purpose lubricant in industrial applications where load and temperature is moderate.
- Suitable for vacuum pumps, general machine lubrication, lightly loaded gear transmissions, hydraulic systems, circulating oil systems.
- Lubrication of ring collar and chain-oiled bearings and industrial enclosed spur or bevel gears, where EP properties are not required.
- Suitable for the lubrication of anti-friction bearings of paper mill dryer rolls, plastic film calendars and paper corrugators, also used in spindle collars during textile production
- As process oil in rubber processing industry.

Product Characteristics

Properties	Test Method	Unit	ISO VG 68	ISO VG 460
Colour	ASTM D1500	-	L0.5	L3.5
Density @ 15 °C	ASTM D4052	kg/L	0.8625	0.9042
Kinematic Viscosity at 40 °C	ASTM D445	cSt	68.4	469.1
Viscosity Index	ASTM D2270	-	106	95
Flash Point, COC	ASTM D92	°C	246	284
Pour Point	ASTM D97	°C	-15	-3
<i>Product Code</i>			323022	328022

- Information, test methods, figures are typical and conform to specification; minor variation may occur.
- Refer Owner's Manual for the manufacturer's recommended performance level, viscosity grade and builder approval requirements.
- Please refer to the product Safety Data Sheet (SDS) for health, safety, and handling information.

