



# CIRCULATION 100/150/220/320

## Circulation Oil

CIRCULATION 100, 150, 220, & 320 are premium circulating oils manufactured from highly refined paraffinic mineral oil suitable for industrial circulation systems and general-purpose lubrication. They are formulated with technologically advanced system of anti-wear additives in order to reduce components wear and extend the working life of equipment.

### PRODUCT FEATURES & BENEFITS

- Superior Protection against rust and deposits
- Extend Oil Life
- Protection against corrosion
- Protect against wear
- Avoid pump cavitation, noisy and erratic operation

### APPLICATIONS

- General purpose industrial lubrication, particularly in “once through” lubrication system
- Industrial circulating systems
- Process/extender oils in the rubber and plastic industries
- Air compressors
- Vacuum pumps



### PERFORMANCE CHARACTERISTICS

#### ISO VISCOSITY CHARACTERISTICS

**ISO VG100, ISO VG150, ISO VG220 & ISO VG320**



### KEY PROPERTIES

Parameter	Test Method	Unit	Typical Data			
			ISO VG 100	ISO VG 150	ISO VG 220	ISO VG 320
Appearance	Visual	-	B & C	B & C	B & C	B & C
ASTM Color	ASTM D1500	-	<0.5	<0.5	<0.5	<0.5
Density @ Room temperature	ASTM D4052	g/mL	0.86	0.87	0.87	0.88
Kinematic Viscosity at 40° C	ASTM D445	cSt	95.0 - 105.0	145-155	215 - 225	315 - 325
Kinematic Viscosity at 100° C	ASTM D445	cSt	10.5 - 12.5	14.5-15.5	19.5 - 20.5	24.5 - 25.5
Viscosity Index	ASTM D2270	-	100	100	98	97
Flash Point(COC),	ASTM D92	°C	235	240	270	280
Pour Point	ASTM D97	°C	-9	-9	-9	-9
Total Acid Number	ASTM D664	mg. KOH/ g.	0.25	0.25	0.25	0.25

\* This is a technical Specification for LAUGFS Product according to the current additive package. It may have minor deviations on basis of supply.

ENVIRONMENT, HEALTH AND SAFETY - Users should consult the MSDS, follow the precautions outlined and comply with all laws and regulations concerning its use and disposal.

All reasonable care has been taken to ensure that the information contained in this publication is accurate at the time of printing. However, the information is liable to variation in the event of subsequent changes in the blend, formulation, method of storage, improper handling and usage, etc.

for further information on LAUGFS lubricants products and services call the LAUGFS lube tech advisory service on 94 11 5565800 Monday to Friday.