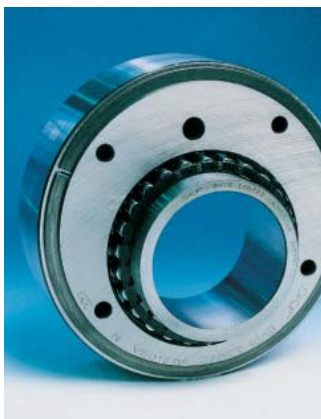


lubricant 109C

For Higher Quality In Offset Printing



Print quality and profitability are directly related to the choice lubricants.

Application

The printcom lubricant 109C is a ready-made heavy duty lubricant based on mineral oil (ISO viscosity class 220). It offers superb corrosion and wear protection, an extremely high load capacity and outstanding aging resistance. As a CLP gear oil, it provides excellent power reserves, is compatible with all common sealing gaskets and bearing metals, and meets all DIN 51517 3: 2004 1 requirements.

The printcom lubricant 109C can be used within the temperature range of -10 °C to +120 °C.

Advantages

- Extremely high load capacity
- High operating safety due to superb corrosion and wear protection
- Excellent protection against jamming
- Extended oil change intervals
- Free of PCB's and chlorine products; can be disposed of as used oil



Each printcom lubricant has been thoroughly tested by manroland's research and development departments for its mechanical and dynamic properties, its in-press corrosion and wear characteristics, and for its resistance to aging. Use of these products will ensure efficient production processes, with the added benefit of preserving the life and value of your press.

printcom stands for "print competence" and represents manroland's offering of process-compliant system components for the printing industry. Customer satisfaction is our top priority, and the printcom team is here to serve you.

Technical Data

Colour	yellow, transparent
Density at 25 °C (DIN 51757)	0.90 g/ml
ISO Viscosity Class (DIN 51519)	ISO-VG 220
Viscosity at 25 °C (DIN 51562-1)	514.4 mm ² /s
Viscosity at 40 °C (DIN 51562-1)	206.3 mm ² /s
Viscosity at 100 °C (DIN 51562-1)	17.8 mm ² /s
Flashpoint (DIN ISO 2592)	> 200 °C
Pourpoint (DIN ISO 3016)	-15 °C
Temperature Range	-10 °C to +120 °C
Total Acid Number (DIN 51558-1)	0.3 mg KOH/g
Corrosion Against Copper (DIN 51759-1-100-A3)	1
Corrosion Against Iron 2 h/40 °C, with a 1 % addition of NaCl solution (10 %)	0

Application Area and Approvals

Application Area	radial flow blower (optional external device)
Approvals	ROLAND 200E, ROLAND 300 ROLAND 500, ROLAND 700 ROLAND 900, ROLAND 900 XXL

Packaging Units

All packaging units are non-returnable.

Canisters	5 ltr
Pails	20 ltr
Drums	200 ltr

Augsburg.1.0608, us-englisch, lubricant 109C



manroland, Inc.
800 East Oak Hill Drive
Westmont, IL 60559
vox 630 920 2000
fax 630 321 3154
printcom@manroland.us
www.manroland.us

manroland