



LUBRICANTS™

POWER TO PERFORM™

LITHON RR 3 (S)/ RR 3 (T)/ RR 3 (G) SERIES INDUSTRIAL GREASES

SPECIAL FEATURES

LITHON RR series of lubricants are first quality, lithium soap greases suitable for lubricating various types of mechanical equipments. These are superior multipurpose greases, developed to meet the varied requirements of bearing manufacturers. They are water-resistant and are corrosion inhibited with excellent oxidation and mechanical stability.

SPECIFICATIONS

LITHON RR 3 S meet IS:7623-1993 Grade EP 3 Type. Meets TATA MOTORS requirement of EP Type grease

APPLICATION AREA

LITHON RR 3 S has, in addition, shear stability, high load carrying capacity and is recommended for situations requiring the use of an extreme pressure multipurpose grease. LITHON RR 3 S is also suitable for ball and roller bearings requiring NLGI Grade 3 grease with EP properties.

PHYSICO-CHEMICAL PROPERTIES

	LITHON RR 3 (S)/RR 3 (T)/ RR 3(G)SERIES
Cons Worked 100000X	250
Cons Worked 60X	240
Dropping Point, °C	>180
Four Ball Weld Load, kg	280.0
Wheel Bearing Deposit	FFD
Wb Leakage, g	3

PERFORMANCE BENEFITS

- Excellent water resistance properties.
- Works most satisfactorily even at high loads, wet and dry situations
- Excellent mechanical and oxidation stability

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RR 3 (T)/
RR 3 (G) SERIES
INDUSTRIAL GREASES****PHYSICO-CHEMICAL PROPERTIES**

	LITHON RR 3 B	
Appearance	Smooth And Homogenous	
Colour	Amber To Light Brown	
Consistency Of The Grease @ 25± 0.5 °C, 0.1 mm Units Worked, 60 X	± 15 Of 60X 220-240	
Worked, 1,00,000 X	± 30 Of 60X	
Corrosion, Copper Strip, @ 100°C For 24 Hours	No Evidence Of Discoloration Etching Or Corrosion	
Dropping Point, °C	180	
Foreign Matter	Nil	
Free Alkalinity, As LiOH, %Wt	0.20	
Free Organic Acidity, As Oleic Acid	0.30	
Heat Stability, @ 100°C, 30 Hrs, Loss % Wt	5.0	
Resistance To Water Washout @ 80°C, Percent Loss By Wt	5.0	
Roll Stability % Change In Penetration A) After 2 Hrs Rolling	10	
B) After 16 Hrs Rolling @ 50°C	15	
Oxidation Stability, @ 100°C Drop In Pressure, psi	10	
Mineral Oil Component Charged: Flash Point, (COC)°C, Min	200	
Kinematic Viscosity @ 100°C, cSt	10	12
Kinematic Viscosity @ 40°C, cSt	100	--
Viscosity Index, min	90	
Emcor Rust Test, Rating	0,0	
Rust Preventive Properties, Rating	1	
Oil Separation During Storage	5.0	
Wheel Bearing Test Leakage, g, Max Slump Test	5 Shall Be Free From Deposits	
Four Ball Weld Load, kg, min	250	
Timken ok Load, Lb, min	25	
Water Content, % wt	Nil	