



LUBRICANTS™

POWER TO PERFORM™

LITHON EP 0 & EP 00

INDUSTRIAL GREASES

SPECIAL FEATURES

LITHON EP 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

LITHIUM soap based grease of NLGI 0 consistency. Product is fortified with antioxidants and EP additives

APPLICATION AREA

Recommended for lubrication requirements where NLGI 0 grade is recommended with EP properties. Product has good pumpability.

PHYSICO-CHEMICAL PROPERTIES

	LITHON EP 0
Appearance	Smooth And Uniform
Consistency of The Grease @ 25± 0.5 °C, 0.1 mm Units Worked, 60 X	355 - 385
Corrosion, Copper Strip, @ 100°C For 24 Hours	Negative
Dropping Point, °C	>180
Four Ball Weld Load, kg, Min	200
Four Ball Wear Scar Dia, Max	0.50
Emc or Rust Test, Rating	0, 0
Timken ok Load, lb, min	45
Oxidation Stability @ 99± 0.5 °C For 100 hrs	0.5
Drop In Pressure, kgf/cm ²	



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	LITHON EP 00
NLGI Grade	NLGI00
Appearance	Smooth & Uniform
Colour	Amber to light brown
Worked penetration at 25°C± 0.5°C	
a) 60 double stroke	400-430
b) After 100,000 strokes	Shall not differ by more than 30 units from the values given above
Free organic acidity (as oleic acid), % by mass, max	Value to be reported
Free alkalinity (as LiOH) % by mass, max	Value to be reported. Preferred < 0.1
Drop point, °C, min	160
Mineral oil extracted from the grease	
a) Kinematic viscosity in cst at 40°C	135-165
b) Flash point °C(COC), min	200
c) Viscosity Index, min	60
Cu strip corrosion at 100°C, for 24 hrs	Negative
Oxidation stability (100 HOURS), drop in pressure Kg/sq cm, max	0.7
Freedom from deleterious particles, permitted No. of scratches, max	10
Timken OK load, kg, min	22
Four ball wear test, scar dia, mm, max	0.6
Four ball weld test, weld load, kg, min	250