

# Respina Lithium EP

Multi-purpose EP lithium greases



## Description

Respina Lithium EP greases are multi-purpose extreme pressure (EP) greases produced by lithium soap thickener, mineral base oil as well as corrosion and oxidation inhibitors. EP 0, 1, 2 and 3 greases are recommended for most types of heavy-duty industrial applications where high unit pressures or shock loads are present. EP 000 and 00 are semi-fluid greases recommended for automatic greasing units and can be an alternative to industrial gear/bearing oils to prevent leakage. The operating temperature range of them is from -20°C to 130°C.

## Specification and Approvals:

- DIN 51825 and DIN 51826

## Advantages & Benefits

- Reduced wear under heavy or shock loading and vibration
- Very adhesive to surfaces
- Excellent anti-rust and anti-corrosion properties
- Resistance to water washout for equipment protection

## Typical Data

Property	unit	EP 000	EP 00	EP 0	EP 1	EP 2	EP 3	Test method
NLGI	-	000	00	0	1	2	3	ASTM D217
Thickener	-	Lithium	Lithium	Lithium	Lithium	Lithium	Lithium	-
Color	-	brown	brown	brown	brown	brown	brown	Visual
Viscosity at 40°C	Cst	160~180	160~180	160~180	160~180	160~180	160~180	ASTM D445
Viscosity at 100°C	Cst	15	15	15	15	15	15	ASTM D445
Drop Point	°C	Not Applicable	Not Applicable	180	185	185	185	ASTM D2265
Worked penetration	1/10 mm	445-475	400-430	355-385	310-340	265-295	220-250	ASTM D217

❖ Respina Lithium EP greases are formulated and produced in RESPINA LUBRICANTS blending site and presented data is based on standard tests under laboratory conditions and is given as a guide only.