



## Grease Lithium EP

### EP grease for bearings

#### Description

Grease Lithium EP is a range of lithium soap thickened greases available in different NLGI classes. The product is a general purpose product designed to perform in a wide variety of application requiring a grease with EP properties and load-carrying capacity. Contains an extreme pressure additive technology which has a low impact on the environment.

#### Applications

Grease Lithium EP is specially formulated to lubricate all sorts of equipment and mechanisms. The grease will perform excellent for on- and off- road equipment, manufacturing, agriculture, mining, marine, forestry and general purpose applications. Grease Lithium EP 00 and 0 are suitable for steel mill lubricant and heavy duty plain

and rolling element bearings and gearboxes requiring a semi-fluid grease. Grease Lithium EP 1 will work very well in centralized systems and extreme pressure gears working at ambient temperatures. Grease Lithium EP 2 and 3 are well suited in heavy duty bearings and general industrial lubrication.

#### Benefits

- Water resistant and resistant to water wash-out
- Outstanding load carrying capacity
- Excellent mechanical stability
- Superior sealing capacity
- Protects against rust and corrosion
- Offers protection against wear in a wide range of temperatures

#### Typical performance data

	EP 00	EP 0	EP 1	EP 2	EP 3
Thickener	Lithium				
Base oil type	Mineral				
Base oil viscosity @ 40 °C, cSt	100				
Base oil viscosity @ 100 °C, cSt	13				
NLGI consistency	00	0	1	2	3
Unworked penetration @ 25 °C	400/430	355/385	310/340	265/295	220/250
Dropping point, °C	160	175	175	180	180
4-ball wear test, welding load, kg	200	200	250	250	250
Mechanical stability	-20/+45	-20/+45	-20/+45	-20/+45	-20/+45
EMCOR corrosion test	1	1	1	1	1
Hofmann oxidation, kg /cm <sup>2</sup>	1.5	1.5	1.5	1.5	1.5
Water wash out, %	2,5	2,5	3	2,5	2
Copper corrosion, 24h/100 °C	1b	1b	1b	1b	1b
Operating temperature, °C	-25 – 130	-25 – 120	-25 – 120	-25 – 120	-25 – 120

All performance data on this Technical Data Sheet are indicative only and can vary during production

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