

GREASE EP 0,2,3

EXTREME PRESSURE LITHIUM GREASE

BULWARK GREASE EP series is a multi-purpose, extreme pressure grease produced from high quality paraffinic base oils and specialty lithium thickener. These greases are fortified with high performance additives for improving performance and operating under severe friction conditions.

BULWARK GREASE EP series is recommended for use in automotive, industrial and mining applications such as rolling and sliding bearings, hub bearings and lubrication of the components made of non-ferrous metals, wheel bearings, shaft joints, ball joints, water pump bearings and other applications where use of NLGI #2 or NLGI #3 class of lubricant with EP properties is recommended.

BULWARK GREASE EP series have good tribological features and can operate within a wide temperature service range from -10 °C to +120 °C under varying loads, and while in contact with water and wet environment conditions. These greases are formulated to provide good thermal and structure stability during use or in storage, hence have soft consistency and smooth structure.

PERFORMANCE LEVEL*

- DIN 51502;
- NLGI 0; KP0K-10; ISO 6743-9/ L-XACEB 0 (EP0)
- NLGI 2; KP2K-10; ISO 6743-9; L-XACEB 2 (EP2)
- NLGI 3; KP3K-10; ISO 6743-9; L-XACEB 3 (EP3)

KEY BENEFITS

- Prevents sticking and seizure of components.
- Protect metal surface from rust and corrosion in moist environments.
- Excellent EP properties extend service life.
- Good anti-corrosion properties, resistance to water wash out, retain grease in place in wet environments.

TYPICAL CHARACTERISTICS**

Properties	Test Methods	EP 0	EP 2	EP 3
Consistency	NLGI	0	2	3
Thickener Type		Lithium	Lithium	Lithium
Color	Visual	Straw Brown	Straw Brown	Straw Brown
Operating Temperature, °C		-10 to +120	-10 to +120	-10 to +120
Worked Penetration at 25°C, 1/10 mm	ASTM D217	355-385	265-295	220-250
Dropping Point, °C	ASTM D566	>180	>200	>200
Base Oil Viscosity at 40 °C, cSt	ASTM D445	120	180	180
Copper Strip Corrosion, 24h, 100°C	ASTM D4048	1b	1b	1b
4-Ball, Scar Dia, mm	ASTM D2266	0.55	0.45	0.45
4-Ball, Weld Load, Kg	ASTM D2596	280	250	250

* Performance levels indicated may include licensed API specs or specs that our products meet or exceed

** Typical Characteristics are typical values. Minor variations within the permissible tolerance limits may be expected on the final product.

STORAGE

All packages should be stored under cover. Where outside storage is unavoidable, drums should be laid horizontally to avoid the possible ingress of water and the obliteration of drum markings. Products should not be stored above 60°C, exposed to hot sun or freezing conditions.

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