

CGC Grease L EP 00, 0, 1, 2, 3

Multipurpose Extreme Pressure Lithium Grease

CGC Grease L EP is multipurpose, extreme pressure industrial greases based on a blend of high viscosity index mineral oils and a lithium hydroxystearate soap thickener and contain extreme pressure and other additives. CGC Grease L EP is suitable for most industrial applications, including heavy-duty ones. These greases provide excellent protection against rust, corrosion and wear under heavy or shock loading and vibration. They are available in NLGI grades ranging from 00 to 3. CGC Grease L EP is recommended for use over the temperature range -30°C to 120°C.

Applications

- CGC Grease L EP 00, EP 0, EP 1 provide good pumpability and are suitable for centralized lubrication systems, heavy duty plain and rolling element bearings operating under severe conditions and other applications where good low temperature performance is required
- CGC Grease L EP 2 is recommended for general industrial lubrication, heavy duty plain and rolling element bearings operating under severe conditions
- CGC Grease L EP 3 is recommended for applications where maximum protection against penetration of water or solid contaminants is required, e.g. antifriction and plain bearings, bushings and pins operating under severe conditions including shock loading in wet environments

Features	Advantages and Potential Benefits
Outstanding load carrying capacity	Reduced wear under heavy or shock loading and vibration for good equipment reliability and availability
Excellent mechanical stability	Resistance to grease softening with subsequent loss of lubrication performance and leakage
Excellent water and corrosion resistance	Extended bearing life in wet environments for reduced bearing costs and unexpected downtime
Good pumpability in centralized systems	CGC Grease L EP 00, EP 0, EP 1

Specifications	CGC Grease L EP 00	CGC Grease L EP 0	CGC Grease L EP 1	CGC Grease L EP 2	CGC Grease L EP 3
DIN 51502	KP 00 K-30	KP 0 K-30	KP 1 K-30	KP 2 K-30	KP 3 K-30

Typical Data

Properties	Method	CGC Grease L EP				
		00	0	1	2	3
Thickener Type		Lithium				
Color	visual	Brown				
Penetration, worked 60 stokes, mm/10	ASTM D217	400-430	355-385	310-340	265-295	220-250
Dropping Point, °C	ASTM D566	>170	>170	>180	>190	>190
Base Oil Viscosity @40°C, mm ² /s	ASTM D445	150	150	150	150	150
4-Ball Wear Scar Diameter, mm	ASTM D2266	0,5	0,5	0,5	0,5	0,5
4-Ball Weld Load, N	ASTM D2596	2400	2400	2400	2400	2400
Rust Protection, distilled water	ASTM D6138	pass	pass	pass	pass	pass

Health, Safety & Environment

Information is provided for products in the relevant Safety Data Sheet (SDS). This provides guidance on potential hazards, precautions and first-aid measures, together with environmental effects and disposal of used products. SDS's are available upon request through your sales contract office. This product should not be used for purposes other than its intended use.

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