



product data

## Cougar Ep1 HD Grease

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**Cougar Ep1 HD** is designed for very heavy duty service in adverse environments, blended and compounded to withstand the shock and heavy loading commonly found in the processing of steel and other primary metals and further offer durable resistance to the severe environments of the construction, mining, and forest products industries.

Cougar Ep1 HD operates effectively in plain bearings, journals, and in antifriction bearings other than precision and high speed and exhibits excellent adhesive and cohesive characteristics and is highly resistant to mechanical shearing.

Cougar Ep1 HD is free of lead, chlorinated solvents, barium, antimony and zinc and contains a proprietary blend of metallic lubricant solids of a grade and size distribution best suited to the rugged mill service for which these products were intended. The solids are treated to increase their natural positive affinity to metal surfaces and are thoroughly dispersed to assure effectiveness during the lubricants' full working life.

Rust and oxidation inhibiting characteristics are maximized to afford effective rust protection and long life of the grease.

### Applications

Typical applications are in ball and roller bearings, bushings, slides, screws, and general lubrication, even where loads may be quite heavy and speeds slow.

**Cougar Ep1 HD is not** compatible with sodium or inorganic base greases

### Typical Properties;

NLGI Grade	1
Thickener type	Lithium
Drop Point, DegC	193
Timken OK load, Kg	27
Four Ball Weld Load, Kg	620
Worked Penetration, ASTM D217, mm/10	310-340
Water Washout, ASTM D1624, @79 DegC, % loss	5.0
Rust Prevention, ASTM D1743, rating	pass