

TECHNICAL DATA SHEET



HOLD-FIRM OPEN GEAR GREASE

Hold-Firm Open Gear Grease is a specially formulated dark black bentonite grease, designed for heavy industrial applications. Because of its non-melt characteristics, it withstands high-temperature operations and offers excellent adhesion to metal. Extreme pressure characteristics enable excellent high shock load protection.

Hold-Firm is made from mid-continent refined base oils and bentonite gelling agents and is formulated with sub-micron size molybdenum disulphide. It is fortified with extreme pressure additives, anti-corrosion and anti-oxidation inhibitors and tackifiers to provide excellent lubrication properties and anti-wear protection to metal surfaces. It withstands high-temperature operations due to its non-melt characteristics

Hold-Firm's ability to adhere to metal and not 'throw off' helps protect against acids, alkalies, dust and dirt. Its spatter-proof characteristics provides outstanding water resistance and protection under acidic conditions. Because of its film strength, this product will last longer and require less frequent lubrication.

Hold-Firm's extreme pressure characteristics protect against oxidation. The MoS₂ provides additional lubricity by plating out on the surfaces, thereby greatly reducing friction and giving excellent high shock load protection.

Applications:

- Open gear and 5th wheel
- Steel Mills, lumber mills, cotton gins
- Heavy equipment – construction, agriculture
- Commercial and large transportation vehicles
- Open winches, drag lines, and sliding surfaces

Benefits/ Advantages:

- Non-melt – designed for high-temperature operations
- Extreme, high shock load protection
- Supreme tackiness – will not 'throw off'
- Spatter proof characteristics provide outstanding water resistance
- Protects against acids, alkalies, dust, and dirt.

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Typical Specifications

ASTM Penetration:	250-255
ASTM dropping point:	Non-Melt
Color:	Black
Timken E.P. load test:	70
Water resistance:	Excellent
Acids condition Resistance:	Excellent

HMIS Rating:

Health	1
Flammability	1
Reactivity	0
Personal Protection	B

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