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HDD ASG 460-0

Horizontal Directional Drilling Rod Grease

Product information sheet

Effective Date: 24/7/2026

HDD ASG 460-0 is a copper-based lithium complex anti-seize grease compound, designed specifically for use in horizontal directional drilling machines. It provides excellent lubrication for drill rod threads using our lithium complex thickener technology combined with a blend of high viscosity index mineral oils, selected extreme pressure additives & rust and oxidation inhibitors.

It is dark copper in colour, with a distinctive bronze fleck throughout.

HDD ASG 460-0 is recommended for use for drill rods in horizontal directional drilling machines as an anti-seize grease.

APPLICATION

Automatic grease dispensing systems for horizontal directional drilling machinery

BENEFITS

- Excellent anti-wear and EP properties.
- Superior adhesion and cohesion properties.
- Resistance to water washout.
- Good pumpability at low temperatures.
- Resistant to rust and corrosion.

SPECIFICATIONS

- ISO 6743-9: L-XAEEB0
- DIN 51502: MPF0P-10



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TYPICAL PROPERTIES / CHARACTERISTICS

TEST	TEST METHOD	TYPICAL RESULTS
Consistency (NLGI Grade)	ASTM D.217	0
Thickener Type		Lithium Complex
Colour/Appearance		Dark Copper with Bronze Fleck
Worked Penetration (60 strokes @ 25 °C)	ASTM D.217	355-385
4-Ball Weld Load (kgf)	ASTM D.2596	500
Dropping Point (°C)	ASTM D.2265	204
Base Oil Viscosity @ 40 °C (cSt)	460cSt Typical	460
Operating Temperature Range (°C)		-20 to 160 °C



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