



## Molub-Alloy™OG 968 SF Medium

Multi-service Grease

### Description

Castrol Molub-Alloy™OG 968 SF Medium Grease (previously named Molub-Alloy™968 SF Medium) is a heavy duty, non-solvent, multi-service grease designed for use on heavy duty shovels, walking draglines, blast hole drills and haul trucks. It is formulated to withstand the most severe environments. In open pit mining, this may range from extreme heat and dust during summer as well as inclement weather during winter.

Castrol Molub-Alloy OG 968 SF Medium Grease is formulated to address environmental concerns.

Castrol Molub-Alloy OG 968 SF Medium Grease is free of lead, antimony, zinc, barium, and chlorinated solvents. No solvents of any kind are used in this product.

### Application

Castrol Molub-Alloy OG 968 SF Medium Grease is designed to perform as a multi-service lubricant on shovels, walking draglines, drills and haul trucks on applications such as:

- Open gearing
- Racks and pinions
- Rails and rollers
- Dipper sticks
- Large journal and anti-friction bearings
- Low velocity semi-enclosed gears
- Jacks (drills)

Castrol Molub-Alloy OG 968 SF Medium Grease may be applied manually or more precisely and economically through automatic dispensing equipment.

### Advantages

- Forms a tough, durable lubricating film - resists erosion from rain and sleet, resists peeling in dusty environments.
- Resists 'packing' - even in dusty environments and at the gear root, remains mobile.
- The 'spent' lubricant stays pliable - facilitates removal from gear guards and semi-enclosed gear cases.
- Multi-service - can be used in a variety of applications on most draglines, shovels, drills and trucks, reduces product inventory and minimizes the risk of product contamination or mis-application.

## Typical Characteristics

Name	Method	Units	Molub-Alloy OG 968 SF Medium
Specific Gravity @ 15°C / 59°F	ASTM D4052 / ISO 12185	-	.923-.933
Consistency	ASTM D217 / ISO 2137	NLGI Grade	0
Worked Penetration (60 strokes @ 25°C / 77°F)	ASTM D217 / ISO 2137	0.1 mm	355-385
Base Oil Viscosity @ 40°C / 104°F	ASTM D445 / ISO 3104	mm <sup>2</sup> /s	647
Brookfield Viscosity	ASTM D2983 / ISO 9262	cP	68,000
Flash Point - open cup method	ASTM D92 / ISO 2592	°C/°F	168 / 334
Copper Corrosion (24 hrs, 100°C / 212°F)	ASTM D4048	Rating	1b
Four Ball Weld Load test - Weld Point	ASTM D2596 / ISO 11008	-	800
Four Ball Weld Load test - Load Wear Index (27°C / 1770 rpm)	ASTM D2596 / ISO 11008	kgf	121
Timken OK Load	ASTM D2782	kg/lbs	20 / 45
Grease Pumpability test - Lincoln Ventmeter	US Steel test method	psi	640

Subject to usual manufacturing tolerances.

## Additional Information

Castrol Molub-Alloy OG 968 SF Medium Grease is not intended for use in the following applications running at high speed :-

- "U-joints" of off highway vehicles.
- As a general industrial bearing grease operating continuously at elevated speeds i.e., motor bearings.

This product was previously named Molub-Alloy 968 SF Medium. The name was changed in 2015

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