

INDUSTRIAL PRODUCTS

INDUSTRIAL GEAR BOXES

MOLUB-ALLOY GM 1500

Castrol Molub-Alloy™ GM 1500 (previously called Molub-Alloy™ 1500) gear oil is a severe duty, Extreme Pressure (EP) gear oil designed to meet the increasing lubrication needs and specifications of manufacturers of modern industrial and mining equipment such as walking draglines. To withstand the surging pressures and sudden reversal in speed and direction of hoist and drag gears and the great torque experienced in swing and propel gears, the ultimate in oil film forming and persistence is required.

FEATURES & BENEFITS

- Formation of a stable lubricant film on tooth flanks over a wide temperature range even at lower speed due to good viscosity/temperature characteristics
- Boundary (contact) lubrication with Molub-Alloy lubricating solids occurs when the oil film is squeezed thin during extreme and shock loading, and at start-up or other conditions which exceed the capabilities of fluid film lubrication. Contact lubrication protects working surfaces against spilling, and minimises wear caused by cold welding
- Where lubricating solids protect gear surfaces from contact friction, they minimise the frictional heat which could reduce oil film strength by lowering its viscosity
- Improved surfaces and reduced heat of friction may substantially increase the working life of both parts and lubrication oil
- Overall savings are derived from the above and result from less labour and downtime, smoother, more efficient operation with longer parts life, and extended lubrication cycle.

Pack Size	20L	200L
Item Code	33433091	3433090
Barcode	9310084035296	9310084035289



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