Superlube 3.1 MHD



A lubricant designed for materials with machining additives for medium-to-high density applications

similar properties to conventional lubricants

with improvements in

green strength and

ejection force.

Superlube 3.1 MHD is a zinc-free lubricant that provides excellent lubricity for mediumto-high density components that include machining additives. It is an ideal replacement for conventional lubricants with Zinc Stearate (ZnSt) and has almost identical properties.

Conventional Lubricant Superlube 3.1 MHD* with ZnSt* Apparent Density (g/cm³) 2.90 3.19 Superlube 3.1 MHD has Flow Rate (Hall, s/50g) 30 28 Green Strength (MPa) 15 13 Tonnage (MPa) 427 455 @ 6.90 g/cc Slide Ejection Force (kN) 4.3 4.9 Total Size Change (%) 0.34 0.35

*Composition: Atomet 1001 + 1.9% Cu + 0.9% C + 0.5% MnS + 0.53% lubricant

