

ViscoTech 1407M

ViscoTech 1407M is an all-purpose mineral grease thickened with lithium soap. The medium viscosity base oil provides good wear resistance and good cold temperature capabilities. This grease is fortified with additives to help it stay in place and possess low oil separation characteristics. Ideally suited for plastic and metal gear systems.

BASE OIL CHARACTERISTICS		TYPICAL VALUE *
Type		Mineral
Temperature Service Range (°C)		-30 to 100
GREASE CHARACTERISTICS		TYPICAL VALUE *
Thickener		Lithium
Color		Brown
Appearance		Smooth
NLGI Grade		2.5
Penetration (ASTM D217 / DIN 51804-T1)	Unworked	250-280
	Worked	60X 250-280
Dropping Point (°C) (ASTM D2265 / DIN ISO 2176)		190 min.
Oil Separation (ASTM D6184)		24h at 100°C 0.5% max.
Evaporation (CTM-1)		24h at 100°C 1% max.
Water Washout (ASTM D1264 / DIN 51807-T2)		60 min at 79°C 5% max.
Copper Corrosion (ASTM D4048 / DIN 51811)		24h at 100°C 1b max.
Oxidation Stability (ASTM D942)		100h at 99°C 2 psi
Apparent Viscosity (Brookfield Viscometer T-C spindle, 1 rpm)		25°C 792,000 cP
Specific Gravity (CTM-2)		25°C 0.931
Four Ball Wear (ASTM D2266 / DIN 51350-T5)	60 min 1200 RPM 75°C 40kg _r	0.44mm
	Dynamic Coefficient of Friction (steel on steel)	0.0772

*The values stated in this Product Data Sheet are Typical Values and **must not** be used as QC Specifications for this product. Please contact the Global Technical Services department for QC specifications for this product.