

Product Description

Anglomoil Impactor Grease is manufactured to a comprehensive formulation designed to meet a wide range of automotive and industrial needs inclusive of **Wire rope, Open Gear and Pin Bushings**. The basis of the grease is high temperature, water resistant, calcium sulphonate complex soap, fortified with extreme pressure additives, molybdenum disulphide, graphite and an adhesive polymer. This unique combination of materials enables the grease to operate under hot and/or wet conditions, to withstand high loads and to resist loss from throw-out due to its sticky nature.

Properties

Ideal for sliding bearing surfaces, subjected to heavy or shock load. Anglomoil Impactor Grease will satisfy most requirements in manufacturing, automotive, mining and earthmoving operations.

Heat: Anglomoil Impactor Grease has a drop point of 300°C and will function indefinitely at continuous temperatures of 150°C. Satisfactory lubrication is maintained in hot environments such as steelworks, foundries, power stations and rock excavators.

Water: Anglomoil Impactor Grease has excellent water resistance, successfully withstanding water wash-out testing at 80°C. In the ASTM Rust Test, almost complete protection against rusting is obtained.

Load: Anglomoil Impactor Grease protects all moving parts against wear caused by shock loadings and unusually high load conditions. Prevents scuffing due to the excellent shear stability and high load / extreme pressure characteristics.

Compatibility: It is compatible with most greases except those gelled with bentone and aluminium complex thickeners.

Rust and Corrosion Inhibited: promotes effective lubrication under difficult environments which may be corrosive or rust prone service situations. These inhibitors protect all metal components under these adverse conditions.

Recommendations

Industrial and General: Recommended for sliding contact bearings operating under heavy load and ball and roller bearings under slow speed conditions. Excellent service record under unusually high load and shock load service conditions.

Steelworks where there is adverse conditions such as high temperatures, high loads and water contamination.

Ideally suited for earthmoving machinery operating under adverse conditions of heat, heavy loads and water contamination.

Automotive: Recommended particularly for chassis lubrication, including ball joints, spring shackles, universal joints and constant velocity joints.

Typical Specification

Test	Result	Method
NLGI	1	
Soap Type	Calcium Sulphonate Complex	
Oil Type	Mineral / PAO	
Operating Temperature °C	-18 to 140	
Colour	Black	Visual
Texture	Smooth	Visual
Base Oils Viscosity, cSt at 40°C	227	ASTM D445
Base Oils Viscosity, cSt at 100°C	19.0	ASTM D445
Molybdenum Disulfide / graphite, % Mass	3	
Dropping Point, °C	280	ASTM D2265
Consistency 1 / 10 mm • worked 60 strokes) • worked 100K	325 332	ASTM D217
Oil Separation 100°C	Nil	ASTM D6184
Bomb Oxidation, psi drop after 1000 hours	6.0	ASTM D942
Water Washout at 80°C, % removed	1.0	ASTM D1264
Resistance to water spray, % retained	60	ASTM D4693
Copper Corrosion	1B	ASTM D4048
Oil separation, %loss	0.1	ASTM D1742
Timken, OK Load Kg	25	ASTM D2509
Rust Prevention Characteristics	Pass	ASTM D1743
Load Wear Index	65	ASTM D2596
Weld Point kg	500	ASTM D2596
4-Ball Wear Scar, mm	0.42	ASTM D2266
Salt Fog Corrosion, 1 mil d.f.t., hours	>1000	ASTM B177
Rust Test Rating	Pass	ASTM B1743
Mobility @-18°C, g/minute	6.6	US Steel Method
Mechanical Stability Worked 100,000 strokes, % change	2.2	ASTM D217
Worked 10,000 strokes, with 50/50 water, %	7.7	ASTM D217