



IMP-1



FOR THE FIRST TIME YOU CAN FULLY PROTECT PIN AND BUSHING AGAINST SEVERE SHOCK LOADING AT HIGH TEMPERATURES.

ANGLOMOIL IMP-1:

- A No.1 NLGI grease with calcium sulfonate base and synthetic base oils
- Contains molybdenum disulphide and graphite to enhance shock load
- Extreme water resistant and highly adhesive
- High temperature applications, drop points of 280° C
- Part synthetic base oil provide excellent pumpability at lower temperatures
- Prevent scuffing due to excellent shear stability and EP characteristic
- Lubricating solid acts as sealant for dust and sand environment
- Excellent oxidation stability as compared to conventional aluminium and lithium complex
- Compatible with most greases

ANGLOMOIL IMP-1 GREATLY PROLONGS THE BEARING LIFE OF HEAVY EQUIPMENT.

Product Information **ANGLOMOIL IMP-1**

Track roller, pin and bushing system consists of a shaft which rotates freely in a supporting metal casing without rolling elements. The design may be simple, but track roller system always operate under boundary lubrication, whether startup or during operation.

HIGH TECHNOLOGY FORMULATION

Due to track roller rotating shaft not centered in metal casing, frictional occurs generate excessive heat, metal fatigue and metal wear. Therefore, track roller needs maintain a tough oil film to support shock loads and reduce frictional wear when it sitting still as well as sliding within tight tolerance.

Anglomoil WRL calcium sulfonate complex grease is a technically advanced premium track roller grease which possesses inherent thermal and mechanical stability, very high load carrying ability and excellent resistance to water and corrosion. Anglomoil IMP-1 is fortified with heavy semi synthetic oils and molybdenum disulphite and graphite which provides excellent load carrying capabilities under heavy and severe shock load at track roller. Anglomoil IMP-1 outperforms other premium greases such as lithium complex, aluminium complex and polyurea.

BUILT-IN FLUID ACTION

Due to track roller close tolerance, wear occurs because grease is not sufficient to flows and spread evenly within small clearance. Anglomoil IMP-1 has built-in elasticity and high oil content that aim to flow freely into tight tolerance.

RESISTS SQUEEZE-OUT

Ordinary greases used for track roller easily squeeze out, leaving the vital metal surfaces exposed to oxidation. Oxidation is the sign of cancerous corrosion and its resultant downtime. Anglomoil IMP-1 forms an even, balanced lubricant layer of 'bearing' between frictional surfaces.

BUILT TO RESIST CONTAMINATION

Due to track roller sliding and wiping movements, fine particles will acts as a grinding compound and quickly wear down the inner casing surface whenever it picks up dirt. Water and dirt are often the main factors damage to track roller. Anglomoil IMP-1 forms an outer shell after application. This keeps dust, dirt and other contaminants out.

SPECIAL BLENDING PROCESS DEVELOPED BY ANGLOMOIL

Techniques of making grease play an important role in the manufacturing process. Anglomoil has demonstrated its ability through experience gained during decades.

APPLICATION

Anglomoil IMP-1 is suitable to use in rock hammer joints, bushes, spring shackles, universal and CV joint, sliding links and pivots. Anglomoil IMP-1 is recommended for heavy duty applications particularly for mining industry, earth moving machinery and wet and corrosive environment, applicable for pin and bush of heavy equipment and wheel bearings of off-highway equipment.



ANGLOMOIL MANUFACTURING DIVISION