



## SPECIALTY GREASES

for Critical Applications

HIGH SPEED  
HEAVY LOAD  
HIGH TEMPERATURE  
RUST & CORROSION  
RADIATION  
HIGH VACUUM  
DEEP FREEZING



### SYNTHETIC GREASES

#### 1. SYNOL ARG-200 (Chemical Resistant Off-white Grease)

SYNOL ARG-200 Grease is specially formulated acid/alkali resistant grease with special chemical additives like rust & corrosion inhibitors, friction modifiers & E.P. additive to provide excellent water repellency for rust protection & high antiwear and load carrying capacities. It is extremely resistant to all types of acid/alkalies and does not react in presence of them. It also acts as a soft sealant to prevent leakages of solvent vapour.

**Temperature range : 0°C to 100°C**

##### BENEFITS :

- Operate effectively in presence of solvents, acids & alkalies.
- Extends re-lubrication interval.
- Reduces maintenance downtime.
- Protects from rust & corrosion.

##### AREA OF APPLICATION :

Anti-friction bearing, open gears, chains & sliding surface etc. Especially made for Textile Industry.

**1-kg. Jar, 10-kg. Bucket & 180-kg. Drum**

#### 2. SYNOL TefGREASE-30 (Synthetic PTFE White Grease)

It is a Synthetic Teflon based white grease, fortified with special additives, which develops a tenacious low friction film with an excellent load carrying capacity. It can replace all conventional and multipurpose greases used in various industries to give about 2-3 times longer re-lubrication intervals with lower friction. It is a Food Grade grease for Class H2.

**Temperature range : -40°C to 250°C**

##### BENEFITS :

- Extended re-lubrication interval.
- Reduces wear & friction.
- Does not melt away like MP Grease.
- One single grease to replace many conventional grease.

##### AREA OF APPLICATION :

Plain and anti-friction ball and roller bearings and bushings, rack and pinion, gears, linkages, slides, universal joints, kingpins, guides, chains, centralized lubrication systems, electric motors, forklifts etc.

**1-kg. Jar, 10-kg. Bucket & 180-kg. Drum**

#### 3. SYNOL ECG-77

(Electrical Conductive Off-white Grease)

SYNOL ECG-77 is a specially developed synthetic electrical contact grease formulated to provide excellent lubricant properties to electrical contacts in presence of a wide range of materials such as metals, plastics, rubbers, polymers, etc. It is based on highly stable synthetic oils fully inhibited against copper corrosion, oxidation and other contact materials.

**Temperature range : -40°C to 200°C**

##### BENEFITS :

- Highly conductive contact grease.
- Protects contact surface from wear and corrosion.

##### AREA OF APPLICATION :

This grease is specially formulated for highly corrosive industrial type environments and in heaving arcing conditions, e.g. large connections, battery terminals, contactors, busbars, knife switches, rheostats, large voltage regulators, OLTs, sliding/rotary controls, valve pins, turret tuners, plug sockets etc. etc.

**1-kg. Jar.**

#### 4. SYNOL LG-000

(Semi-fluid grease)

SYNOL LG-000 is a high performance general-purpose Semi-fluid grease. This is specially formulated complex soap base grease is developed to provide extra protection against wear, rusting and water washout.

**Temperature range : -40°C to 250°C**

##### BENEFITS :

- Reduced wear under heavy or shock loading & vibration for good equipment reliability & availability.
- Protection against rust & corrosion and resistance to water washout for equipment protection and good lubrication even in presence of water.
- Good pumpability in centralized systems.
- Effective in leakage control.

##### AREA OF APPLICATION :

It is particularly suitable for the lubrication of enclosed gears and bearings in poorly sealed gear cases on most underground mining machinery with the exception of electric motor bearings. Due to of its easy fluidity, it can also be used in Centralized Lubrication systems of machinery and equipments in the textile, Mining, Automobile, Injection Moulding machine & machine tools etc.

**1-kg. Jar, 10-kg. Bucket & 180-kg. Drum**

#### 5. SYNOL EP-2/3

(Extreme Pressure Multipurpose Grease)

SYNOL EP-2/3 Grease is a multi use lithium grease containing EP additive, rust & oxidation inhibitor. SYNOL EP-2 /3 Grease provides good service life in a variety of bearing application for Ball, Roller, Plain and Antifriction bearing application. It has heavy load, high Vibration & good water resistance capability.

**Temperature range : -18°C to 200°C**

##### BENEFITS :

- Reduces friction and wear.
- Shortens maintenance downtime cost.
- Chemically inert and water repellant.

##### AREA OF APPLICATION :

All types of Anti-friction bearings, open gears, Chains and sliding surface applications, Electric Motor bearings, Water pump bearings and Sealed-for-life bearings. It is designed for the lubrication of Rolling element and plain bearings which are used in Steel, Paper, Mining, Construction & OEM industries.

**1-kg. Jar, 10-kg. Bucket & 180-kg. Drum**

#### 6. SYNOL LICAL HD-2

(Light Brown Heavy Duty Grease)

SYNOL LICAL HD-2 Grease is lithium calcium based heavy duty extreme pressure grease manufactured from superior quality base stocks & specially selected extreme pressure additives for elevated load carrying ability.

**Temperature range : -18°C to 140°C**

##### BENEFITS :

- Excellent water resistance property, higher dropping point, outstanding rust & corrosion preventive abilities with very good oxidation stability, shear stability.
- This grease resist oil separation to reduce the grease consumption.
- Chemically inert and water repellant.

##### AREA OF APPLICATION :

It is recommended to all types of plain, roller and anti-friction bearings in wide variety equipment, operating under severe shock loading conditions, such as earth moving equipment, gear couplings, electric motors, mining equipment etc.

**1-kg. Jar, 10-kg. Bucket & 180-kg. Drum**

#### 7. SYNOL RG-10

(Very High Speed Spindle Off-white Grease)

It is a synthetic fluid grease specially formulated with highly stable chemical additives for high speed operations. It is ideally suitable for centralized lubrication system where fluid greases are required to reduce their internal friction & pumping losses.

**Temperature range : -40°C to 180°C**

##### BENEFITS :

- DN Factor : 1,000,000.
- Operates under very high speed/temperature.
- Energy saving.
- Reduces wear and tear at high speed.
- Reduces down time due to frequent grease change.

##### AREA OF APPLICATION :

FHP motors, Instrument bearings, Internal grinders, spindles, Universal joints, Hand tools. High speed rotor bearings, pulleys & rollers of Open-End Spinning machines. DN Value 1,000,000.

**1-kg. Jar, 10-kg. Bucket & 180-kg. Drum**

#### 8. SYNOL WP-100

(Heavy Duty Fluid Adhesive Black Grease)

This grease is with high quality lubricating graphite flake used for heavily loaded bearing surfaces exposed to humid & hostile environment. It can be used for all slow moving heavily loaded bearing surfaces including plain bearings, wire ropes and some anti-friction bearings.

**Temperature range : -40°C to 180°C**

##### BENEFITS :

- Adhesive Grease.
- Non Splashing.
- Heavy Duty.
- Water Resistant.

##### AREA OF APPLICATION :

Large open gears, heavily loaded turn tables, pump plungers, wire ropes, chains, conveyors, elevator plungers, and guides, hoisting engines, winches.

**10-kg. Bucket & 180-kg. Drum**

### HIGH TEMP./HEAVY DUTY GREASES

#### 9. SYNOL XA-100

(Synthetic Multipurpose Black Moly Grease)

Most Versatile complex soap based grease blended with Molybdenum disphide which develops a tenacious low friction film with an excellent load carrying capacity.

**Temperature range : -40°C to 200°C**

##### BENEFITS :

- Extended re-lubrication interval.
- Reduces wear & friction.
- Does not melt away like MP Grease.
- One single grease to replace many conventional greases.

##### AREA OF APPLICATION :

Plain and anti-friction Ball and Roller Bearings and Bushings, Rack and Pinion, Gears, Linkages, Slides Universal joints, Kingpins, Guides, Chains, Centralized Lubrication Systems, Electric motors, Pumps, EOT cranes, Forklifts etc.

**1-kg. Jar & 10-kg. Bucket**

#### 10. SYNOL SULFONEX-200

(Brown High Temp. Heavy duty grease)

It is a specially formulated calcium sulfonate based grease to provide excellent thermal and mechanical stability under adverse conditions.

**Temperature range : -18°C to 300°C**

##### BENEFITS :

- Outstanding shear stability even in presence of high water contact.
- Withstand extreme pressure due to high base oil viscosity & EP additive.

##### AREA OF APPLICATION :

Suitable for slow moving heavily loaded bearings and gear couplings. Typical applications in Steel strip mills, Rubber plants, Paper mills, Cement & Sugar plants.

**10-kg. Bucket & 180-kg Drum**



Manufactured by :

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HIGH TEMP./HEAVY DUTY GREASES

11 SYNOL XA-400

(Heavy duty/High Temp. Black Moly Grease)

It is a specially blended formulation of complex soap based grease fortified with Molybdenum disulphide and other special additives to meet critical conditions for automotive and industrial applications, under operating temperature and environmental adverse conditions such as heavy loads, corrosion and dusty atmosphere.

Temperature range : -40°C to 250°C

BENEFITS :

- Heavy duty / High temperature grease.
- Highly adhesive.
- Reduces maintenance downtime.
- Operates effectively under adverse conditions.

AREA OF APPLICATION :

Ball & Roller bearings operating under high speed & high temp., Kingpins, Ball joints, Gears, Linkages Speed reducers, Splines, induced draft fan bearings, Stenter fan bearings, steel rolling mill bearings, etc.

1-kg. Jar & 10-kg. Bucket

12. SYNOL XA-500

(Non-melt/Non-drip High Temp. Beige Grease)

It is a specially blended formulation of complex soap off-white grease fortified with special additives to meet critical industrial applications in Textile and Engineering Industries.

Temperature range : -40°C to 300°C

BENEFITS :

- Withstands high Temperature & heavy loads, typical in Textile Mill application.
- Off - White grease, which can substitute to black moly grease.

AREA OF APPLICATION :

It is especially suited for the lubrication of Heavy duty High Temperature, ball and roller bearings, needle bearings & plain bearings under heavy loads.

1-kg. Jar & 10-kg. Bucket

13. SYNOL XA-675

(Heavy duty, Off-white Grease for RSB Draw Frames)

It is a specially blended formulation of synthetic complex soap grease fortified with special additives to meet critical industrial applications in the Textile industries. It is a highly adhesive, friction reducing, withstanding extreme temperature/load, water repellant grease suitable for a wide variety of industrial applications.

Temperature range : -40°C to 200°C

BENEFITS :

- Withstands high Temp. & heavy loads, typical in Textile Mill application.
- Non-staining, Off-white grease which can substitute to black moly grease.

AREA OF APPLICATION :

It is especially suited for the lubrication of high speed, high temperature, ball & roller bearings, needle bearings & plain bearings under heavy loads. Also suitable for high speed draw frame needle bearings.

1-kg. Jar & 10-kg. Bucket

SILICONE GREASES

14. SYNOL SG-12

(Silicone White Grease)

It is a Silicone grease compounded from fortified silicone oil thickened with a special lithium soap & E.P additives to meet the most critical industrial applications. It is ideally suitable for very high speed & high temperature applications. It possesses an excellent resistance to oxidation in corrosive atmosphere and breakdown due to shear. It has outstanding water repellence characteristic for marine and humid atmosphere.

Temperature range : -40°C to 220°C

BENEFITS :

- Multipurpose applications.
- Reduces maintenance down time.
- Chemically inert.
- Low starting torques at low temperature.

AREA OF APPLICATION :

Anti-friction ball & roller bearings, sleeve bearings and needle bearings operating under high speeds and high temperature, Steam joints & submersible pump bearings, water turbines, conveyor systems, electric motors of class “H” insulations. washing machines, domestic appliances.

1-kg. Jar & 10-kg. Bucket

15. SYNOL VSG

(Vacuum & Stopcock Grease, Thick, Tacky, Translucent Compound)

Synol VSG Grease is Silicone High Vacuum (upto 10<sup>-9</sup> torr) grease. It is also suitable as chemical resistant stopcock grease and lubricant for synthetic rubber O-rings, seals and gaskets. It is also an excellent mould release agent for reactive polymers such as epoxy & polyurethane compounds and Engineering plastics based on Styrene (ABS, HIPS), Nylons & Polyesters, etc.

Temperature range : -40°C to 250°C

BENEFITS :

- Chemical resistant grease.
- High Temperature grease.
- Non-dripping grease.

AREA OF APPLICATION :

Automatic control valves, flow meter bearings, pump packing, floating telephone batteries, valves of water softener, fire extinguishers, synthetic rubber O-rings, seals and gaskets. Mould release agent for epoxy, polystyrene, polyvinyl-chloride, polyester resins & other plastics.

100-gm. Jar & 1-kg. Jar

16. SYNOL SILCOM-124

(Multifunctional Silicone Translucent Compound)

It is a high temperature multi-functional non melt silicone compound. It is also suitable as chemical resistant stopcock grease. It is also an excellent mould release agent for reactive polymers such as epoxy & polyurethane compounds & Engineering plastics based on Styrene (ABS, HIPS), Nylons and Polyesters, etc.

Temperature range : -40°C to 250°C

BENEFITS :

- It is a water repellent air tight sealant for air control valves & pneumatic systems.

AREA OF APPLICATION :

Sealant and lubricant for automatic control valves, flow meter bearings, pump packings on floating telephone batteries, in valves of water softner, on Fire Extinguishers etc. Lubricant for synthetic rubber O-rings, seals and gaskets. Mould release agent for epoxy, polystyrene, polyvinylchloride, polyester resins & other plastics.

1-kg. Jar & 10-kg. Bucket

SPECIALTIES

17. SYNOL FG-200

(Off-white Food grade Grease)

It is a non-toxic, tasteless, odourless, soft grease for Food & Pharmaceutical industry. In case of accidental contact with processing material the grease poses no health hazard. It is highly stable with good resistance to water washout, oxidation and very low evaporation rate. It is approved by NSF for H1 category.

Temperature range : -40°C to 250°C

BENEFITS :

- It is an excellent lubricant for moderate loads, temp. & speeds.

AREA OF APPLICATION :

All types of machineries used in the Food Processing, Pharmaceutical and Cosmetic industries for bearings, valves, chains & gears, etc. It is one grease for all food stuff applications.

1-kg. Jar & 10-kg. Bucket

18. CVC META-C

(Anti-Seize Compound)

It is an Anti-seize, Anti corrosion, Anti freezing, Gowing property. It is used for over tightning of Bolts.

Temperature range : 0°C to 100°C

It is mainly used in Automobile Industries.

25-gm.jar & 1-kg.jar

19. SYNOL ECG-424

(Black Electrical Contact Grease)

It is a highly conductive grease suitable for transmission of electricity especially at high voltages. It also conducts heat away from its source and protects contacts from wear and corrosion. It contains high quality graphite & other solids to maintain long term conductivity with low wear & tear of switches.

Temperature range : -20°C to 1100°C

BENEFITS :

- It is a thermally stable, oxidation-resistant grease.
- It protects contact & bearing surfaces from rust & corrosion.
- It can withstand very severe arcing that occur in high voltage lines.

AREA OF APPLICATION :

Used for Electrical contacts & other linkages of circuit breakers (33KV, 66 KV etc.). Switches, starters, contactors, Battery terminals, Circuit Panels, Heat sinks & for all other applications where conduction of electricity and/or heat is required

1-kg. Jar, 10-kg. Bucket

Data offered in good faith however users should throughly evaluate the products before standardizing their use.

20. CVC CP-50

(Caliper Grease)

CVC CP-50 is a specially formulated grease for the lubrication of caliper pins. It is useful for brakes exposed to high temperature. CVC Caliper grease has good corrosion resistant properties. It is a protecting and lubricating grease to increases brake's life.

Temperature range : - 20°C to 210°C

BENEFITS :

- Non-melt/Non-drip grease to reduce contamination.
- High Quality pure synthetic Lubricant.
- Prevents Rust & Corrosion.
- Prevents disk brake squealing.

AREA OF APPLICATION :

For Caliper Pins, Disc Brake Caliper, Pistons, Inboard pad backing Plate etc. Auto Care Industry.

5-gm.jar & 1-kg.jar

21. SYNOL MOLY PASTE N-3

(Heavy duty Moly Anti-seize Black Compound)

It is a highly concentrated microsize Molybdenum disulphide based multipurpose assembly/ lubricating paste fortified with special additives to withstand very high temperature and extreme loads. It is most ideally suitable as an assembly paste for grease lubricating system to ensure freedom from scuffing and scoring.

Temperature range : -20°C to 1100°C

BENEFITS :

- Prevents seizure under heavy loads, for all threaded connections.
- Easy & quick dismantling of mechanical parts.
- An effective press fitting and assembly aid.

AREA OF APPLICATION :

Threaded connections of nuts, bolts, studs, pipe couplings, U-bolts, flanges, journal bearings, speed reducers, kingpins, splines, slides & ways operating under shock condition subjected to very heavy intermittent loads & chucks.

1-kg. Jar & 10-kg. Bucket

22. SYNOL CHUCK PASTE

(Anti-seize, White Compound)

It is an Anti-scuffing & Anti-seize threaded compound based on concentrated Molybdenum disulphide, Graphite and other solid lubricants available in paste form for multipurpose applications. It can be used during assembly to ensure free from scoring for those parts which may be difficult to lubricate in service.

Temperature range : -25°C to 1150°C

BENEFITS :

- Heavy duty / High temp. anti-seize compound.
- Eases assembly & dismantling during installation maintenance.
- Chemically inert & rust preventive.
- Very economic anti-seize compound.

AREA OF APPLICATION :

Chuck lubrication, live centre, press fits and assembly paste. All threaded connections, Nuts & Bolts, Studs, Pipes Couplings, Bearings, joints, Lock-nuts, U-bolts, flanges.

1-kg. Jar & 10-kg. Bucket

23. SYNOL METAPLAT

(High Temp., Anti-seize, Anti Rust Copperbased Compound)

It is an anti-seize rust preventive compound consisting of hmogeneously dispersed organometallic complex of copper and other solids to form a non-melting lubricating compound. It is further fortified with highly effective oxidation and corrosion inhibitors to combat environmental severities.

Temperature range : -18°C to 1400°C

BENEFITS :

- Protects against high Temperature and load.
- Highly water repellant.
- Excellent Anti-corrosive Compound.
- Forms tenacious & adhesive film.
- Holds tight under continuous vibration.

AREA OF APPLICATION :

SYNOL METAPLAT has a very wide range of applications in industry. It reduces downtime, speeds repairs and cuts costs of replacement parts. It is also used widely on industrial machinery, heavy duty trucks, construction equipment, power and electrical equipment, farm equipment, oil rigs pipe-lines, steel mills, cement plants and heavy duty marine and diesel equipment, threaded pipes for drilling equipments etc.

1-kg. Jar & 10-kg. Bucket

CVC PRODUCT RANGE

- Synthetic Lubricants
- Specialty Greases
- Industrial Aerosols
- Auto Care Products
- Fuel & Lube Additives
- Electronic Chemicals
- Functional Chemicals