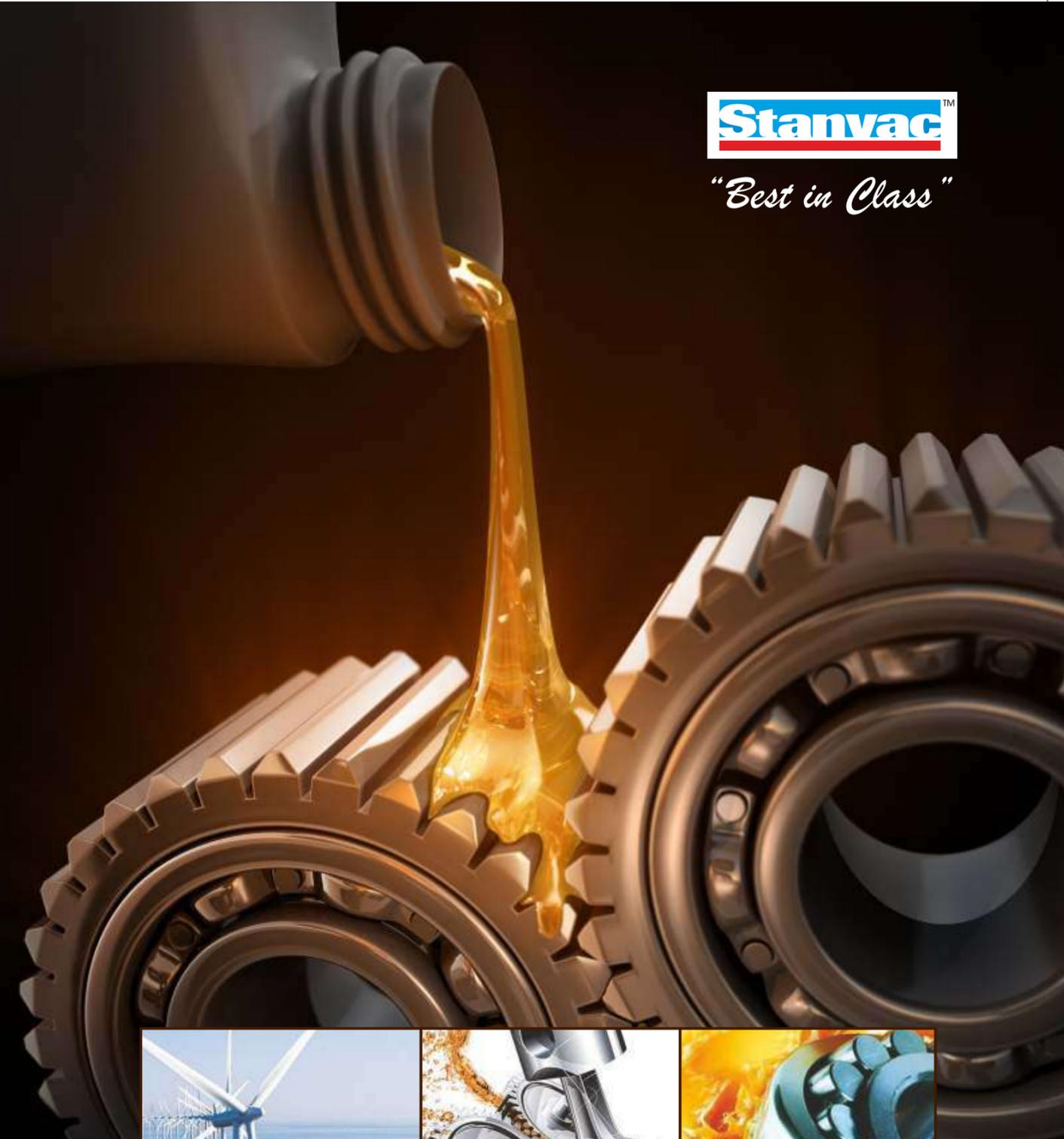




"Best in Class"



SPECIALITY GREASES 2022 WITH NEW GENERATION FRICTION MODIFIER



"Best in Class"

India's Widest Range of World Class Maintenance Solutions

- ★ Maintenance Welding ★ Protective Coatings
- ★ Industrial Aerosols & Bulk Cleaners ★ Speciality Lubricants

STANVAC CHEMICALS INDIA LTD

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Web Site: www.stanvac.com, E-mail : sales@stanvac.com



Stanvac – Superon group is today, India's leading innovator in the manufacture & marketing of specialised solutions for industrial repair, wear, corrosion, abrasion, electrical insulation, fire suppression, cleaning & degreasing, speciality lubrication.... India's widest variety of such, high performance "Best in class" products.

Established in 1994, with import tie-ups with a number of world leaders, production of indigenised solutions began in 2004.

We today offer a full range of imported & indigenously manufactured speciality lubricants including :

- A. High performance synthetic greases with minimum 50% higher life guaranteed.**
- B. High performance mineral base greases with minimum 25% higher life guaranteed**

Tribological ACR-Analysis, Comparison & Recommendation As per the ASTM D 2596/2783/2266

We offer a unique service to Indian industry, to enable the scientific upgradation of grease/ lube oil performance & wear and friction reduction.

- Tribological **Assessment** of the lubricant in present use.
- Tribological **Comparison** of the lubricant in present use, with a suitable alternative from our range, on following three key points:
 - a) EP Weld Load
 - b) Wear Scar
 - c) Coefficient of Friction
- Tribological **Recommendation** of a suitable lubricant from our range, that will reduce wear & friction levels & enhance the performance of the equipment, scientifically & without any risk to the equipment - a fully reliable and safe methodology to improve lubrication & reduce wear.



(B) Relevance of Comparative "Four Ball" Tribological Testing:

- Load, friction & wear – all three key factors of effective lubrication are scientifically assessed.
- Therefore relative superiority & reliability of the lubricant (both greases as well as lube oils) can be scientifically confirmed. A superior lubricant can thereby be selected /developed. Lubrication thus is improved & wear is controlled.
- Before any lubricant changeover, Tribological - "Four Ball" comparisons - under the ACR approach are therefore a scientific & safe methodology for achieving superior lubrication without any risk to the customers equipment.

(A) What Parameters are Tested ?

1. Weld Load

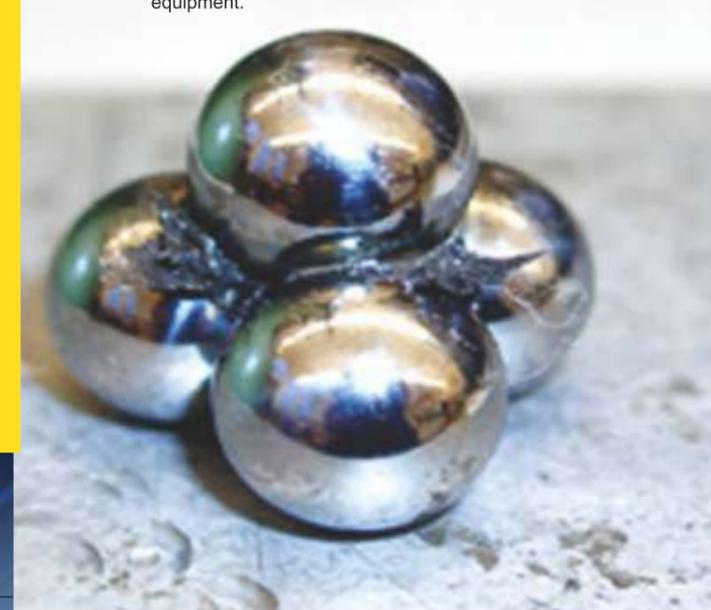
- The load at which the lubricant film ruptures, metal to metal contact takes place, friction & temperature go up & the balls weld together.
- This confirms the EP or load carrying limit of the lubricant as well as its "anti - scuff " properties (prevention of pitting /metallic wear due to high load conditions).

2. Wear Scar

- Wear seen on the three stationary balls after being subjected to rotational rubbing, with the fourth ball for 1 hour at fixed load, speed & temperature.
- Depths of the wear scars at the point of contact are measured & an average value confirmed.
- Lower the wear scar, better the anti-wear properties of the lubricant.

3. Coefficient of friction

- Ratio of the force of friction between the balls & the force pressing them together. Lower values (both initial, ie. "run-in" & average) confirm smoother surfaces & lower friction levels.
- This results in lower operating temperatures, lesser wear, longer re-lubrication intervals & overall superiority of the lubrication.



Corporate Office



Grease Plant



Speciality Grease Blending



Tribological Testing

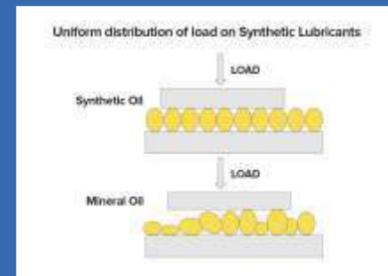
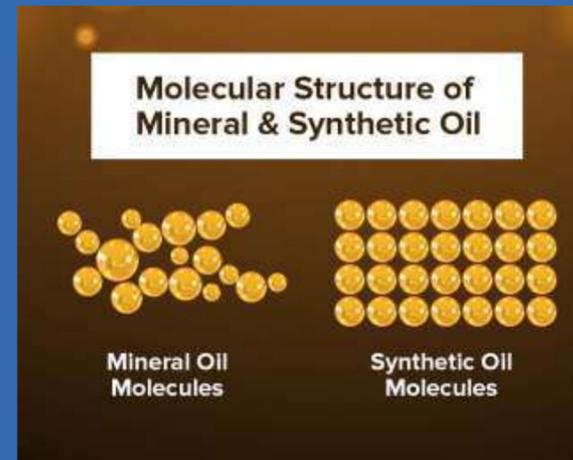
STANVAC SYNTHETIC GREASES

Synthetic Base Oils

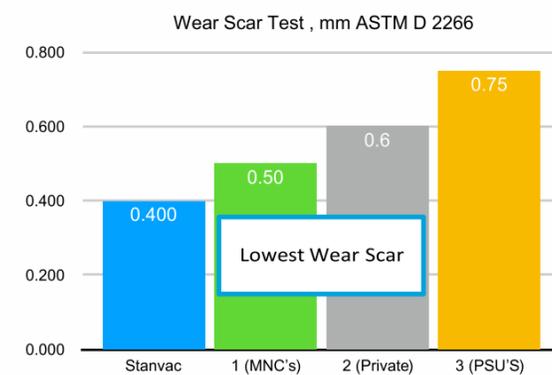
These are API Group IV & V base oils produced under controlled reaction, better oxidative and thermal stability for long service life

Improved wear protection

Low volatility, reduced material loss at high temperature, High viscosity Index, low temperature fluidity Low carbon formation & improved cleanliness



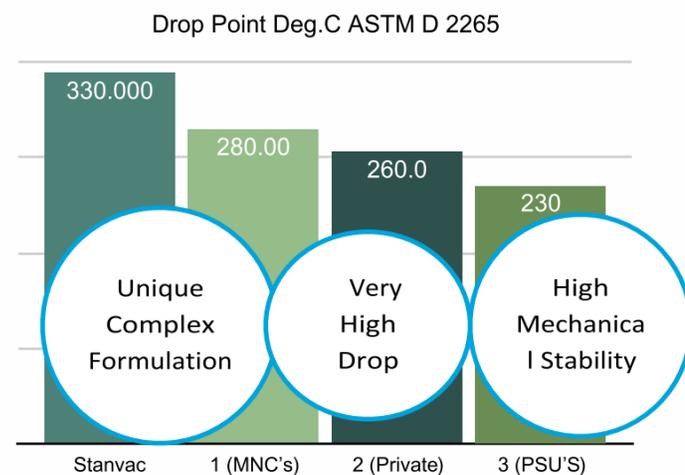
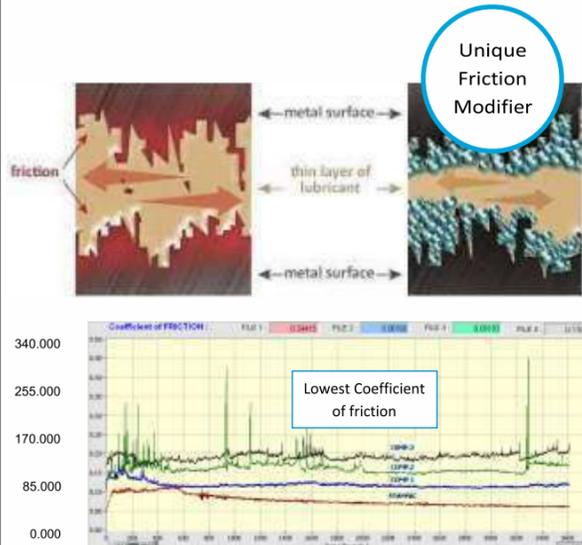
Synthetic lubricants are encountered less frictional force due to uniform molecular structure and size



Stanvac Synthetic Greases

Stanvac offers synthetic greases with new generation friction modifier to meet / demands for increased productivity, better reliability, environment concern, high end lubricants for severe operating conditions, reduced maintenance cost, extended drain intervals, equipment durability and energy savings.

- 100% Pure Synthetic Greases
- 40-50 % Reduction in Coefficient of Friction
- 20-50 % Reduction in Wear Scar
- 20-40 % Higher Drop point
- 10-30 % Higher Load Bearing Capacity
- High Mechanical & Shear Stability
- Energy Saving



HIGH PERFORMANCE SYNTHETIC GREASES WITH
“NEW GENERATION FRICTION MODIFIER”
 50% MORE LIFE GUARANTEED



ULTRA HIGH SPEED SPINDLE BEARING GREASE

90475 SUPER SPIN HS - Ultra high speed synthetic grease made with unique lithium complex formulation and very low viscosity synthetic base fluids. It is specially developed for very high speed spindle bearings used in textile/spinning industries.

100% synthetic ultra speed grease with buttery smooth structure, excellent water resistance and minimum squeezing out tendency.

FEATURES:-

- Ultra Low Noise
- Very Low Coefficient of Friction
- Operating Temperature (-) 60 to 160 °C
- RPM Range > 5000
- Very high thermal stability (Dropping Point > 300 °C)
- 4 Ball Wear Scar 0.38 mm
- DIN Factor, 1,000,000

APPLICATIONS:-

- ★ Textile machineries, CNC machine tools, internal grinding machines
- ★ High speed spindles, electronic assemblies, wheel flange lubricant.....
- ★ Lubrication of plastic and rubber parts on metal sliding surfaces

SYNTHETIC ELECTRIC MOTOR BEARING GREASE

SUPERQUIET 100 (EP) - Synthetic high performance polyurea grease formulated with thermally stable synthetic base fluids, corrosion and oxidation inhibitors.

It is recommended for lifetime lubrication of bearings where frequent lubrication may be difficult or impossible to achieve in service.

FEATURES:-

- Very Low Noise
- Resistance to Water, Acid & Alkaline Solutions
- Very Low Anti-Wear Properties (0.4 mm)
- Operating Temperature (-) 45 to 200 °C
- RPM Range 0-3000
- Very high EP Load (315 kgs)

APPLICATIONS:-

Electric motors installed in water, chemical, ETP, Paper, Corrosive environments....all major industries



MULTI PURPOSE LONG-LIFE SYNTHETIC GREASE

8022 SUPER SYN UNIVERSAL - A truly synthetic lithium complex long life multi purpose grease with very high dropping point, water resistance, thermal and oxidation stability.

Excellent mechanical stability coupled with minimum squeezing out tendency, very low anti-wear and excellent EP properties makes this an ideal choice for many industries including corrugating, paper and textile industries.



APPLICATIONS:-

- ★ All types of ball, roller and plain bearings
- ★ Wet & dry end roller bearings in corrugating, paper, textiles, construction inds.
- ★ Threaded spindles ball screws subjected to high loads
- ★ Automotive, engineering equipments mfg.units

FEATURES:-

- Energy saving:-low starting & running torque
- Reduce greasing frequency and extends lubrication life
- Truly water resistance grease
- Protects from severe shock loads.
- Operating temperature (-) 45 to 210 °C
- RPM 0-1500

HEAVY DUTY SYNTHETIC LITHIUM COMPLEX GREASE

70502 (HL) HIGH TEMP LC 460 - Thermally stable synthetic base fluid, excellent mechanical & structural stability and very high dropping point. It meets the requirements of heavily loaded slow moving roller bearings used in textile, paper and steel industries due to very high load bearing & shock absorption capacities and superior water resistance.

FEATURES:-

- Low maintenance cost & reduced machine down time.
- Very high mechanical and shear stability under heavy loads
- Very high Load carrying properties (> 500 kgs)
- Very low Wear Scar(0.4 mm)
- Low squeezing out of grease from bearings
- Operating temperature (-) 55 °C to 180 °C
- RPM 0-1000



APPLICATIONS:-

Steel mill concaster bearings , dry & wet end paper & textile heavy duty roller bearings

70502 (HL) HIGH TEMP LC 460 (MOLY) - Heavy duty synthetic MoS₂ grease for slow moving , high load bearings operating under severe conditions. The solid lubricant MoS₂ activate at high load and protects bearing from sudden and shock loads. It meets the requirements of heavily loaded slow moving bearings used in steel , textile , paper, cement , heavy engineering units.....

FEATURES:-

- Absorb sudden and shock loads.
- Low maintenance cost & reduced machine down time.
- Very high mechanical and shear stability under heavy loads
- Outstanding Load carrying properties (600 kgs)
- Very low Wear Scar(0.4 mm)
- Superior water resistance and high temperature properties.
- Operating temperature (-) 55 °C to 180 °C
- RPM 0-1000

APPLICATIONS:-

Steel mill concaster bearings , dry & wet end paper & textile heavy duty roller bearings



HEAVY DUTY HIGH TEMPERATURE GREASE SPECIALLY FOR ID/FD FANS

SYNTHOX HT - New technology, 100% synthetic grease formulated with high viscosity thermally stable synthetic base oil . It is designed to provide extended parts & re-lubrication life spans in continuous operation

Outstanding anti-wear characteristics, superior mechanical stability, very high extreme pressure protection, improved oxidation & excellent water resistance

It is fortified with sub-micronised Molybdenum disulphide to withstand severe & sudden shock loads.

FEATURES:-

- Very high mechanical stability at elevated temperature
- Excellent thermal stability due to very high viscosity index base fluid
- Reduce greasing frequency and extends lubrication span
- Operating temperature (-) 45 to 250 °C

APPLICATIONS:-

Heavy duty industrial fans, blowers, exhausts..... operating over wide temperature and loads

HEAVY DUTY SYNTHETIC HIGH TEMPERATURE NON-MELTING GREASE

UNITHERM SL-123R - Industries finest, field proven heavy duty, high temperature synthetic grease. Superior high temperature oxidation and thermal stability improves the lubricating ability at high temperature and enable use over a wide operating temperature.

This grease cannot be extruded from lubricating interface areas by sudden shock loads and extreme pressure. Lubrication errors that can occur using numerous types of greases at high temperature can be avoided due to its general-purpose versatility and high temperature properties.

FEATURES:-

- Non-melting grease. Very high operating temperature
- Sharply reduces inventories and lubrication costs
- Very high water resistance
- Operating temperature (-) 45 to 250 °C
- RPM 0-1000

APPLICATIONS:-

Plain bearings, anti-friction bearings, grease lubricated gears and couplings



MoS₂ BASED HEAVY DUTY SYNTHETIC HIGH TEMPERATURE NON-MELTING GREASE

SL-M2 UNITHERM (MO) - Synthetic non-melting grease formulated with molybdenum disulphide to sustain at heavy loads and high temperature. Molybdenum disulphide will be activated when heavy bearing loads are encountered and form continuous monomolecular film. This film on metal surfaces resists metal to metal contact and reduces wear in " contact lubrication". Excellent water resistant, resistance to cold & hot water.

FEATURES:-

- Extends service life and reduces maintenance frequency
- Ultra high load bearing capacity, Highest Timken ok load for any grease.
- Ultra high water resistance
- Operating temperature (-) 45 to 260 °C
- RPM 0-1000



APPLICATIONS:-

★ Plain Bearings, Anti-friction Bearings, Heavily Loaded Gear Couplings



GENERAL PURPOSE SYNTHETIC NON-MELTING GREASE

SG 400 PYROTHERM 220 - This high temperature bearing grease is composed of thermally stable, synthetically fluids compounded with various metallics in sub-micron in a colloidal suspension, and then formed into solid grease with the finest saponifies. It is stable to shear and have excellent resistance to water and moisture. Excellent lubrication and wear protection under heavy loads along with excellent retention and resistance to high temperature degradation. This will not form hard carbon deposits and will eliminate rust and corrosion.

APPLICATIONS:-

- ★ Multi-functional, recommended for almost any type of high temperature ovens, such as tenter frames, lithographed or enamelled metal baking ovens, etc

FEATURES:-

- Resistance to high temperature degradation
- Non melting, very high operating temperature
- Excellent lubrication and wear protection
- Ultra high water resistance
- Operating temperature (-) 39 to 250 °C
- RPM 0-2000

FLUID TYPE SYNTHETIC WIRE ROPE LUBRICANT



ST WR2 WIRETHERM - It is compounded with micron particles of TEFLON which provides exceptionally low coefficient of friction with positive anti-wear protection. It enhances the life of wire ropes, support cables and sheaves.

Excellent product to use in acid, alkaline, marine and highly polluted environments.

FEATURES:-

- Non asphaltic formulation
- Will not harden at low temperature or become thin at high temperature
- Penetrative & adhesive film forming characteristics
- Superior anti-wear and extreme pressure properties
- Significant reduction of fretting corrosion
- Superior water washout resistance

APPLICATIONS:-

- ★ All sizes of standing & running ropes, chains, suspension & lift bridges, cranes, derricks, hoists, draglines, conveyors, drilling rigs, mining & construction equipments.
- ★ Applied by brushing, dipping or spraying

SYNTHETIC WATER RESISTANCE GREASE FOR WATER PUMPS

8080 AQUAGEL - Highly water resistance, polymer fortified high performance grease specially developed for lubrication of high humid and water environments.....

Thermally stable synthetic base fluids combined with special polymer additives enhance water resistance and extends the life of grease. Ideal for lubrication of water pumps installed in industrial as well as agriculture purpose

BENEFITS:-

- Polymer fortified - Excellent water resistance.
- Improved thermal & shear stability - Increase the lubrication life.
- Excellent load carrying properties - protect the bearing from any unwanted loads

APPLICATIONS:-

- ★ Anti friction and Plain bearings exposed to water and high humidity.
- ★ Water pumps installed in Paper mills, Steel plants, Cement, agriculture & Textile mills.
- ★ Operating temperature (-) 55 to 180 °C
- ★ RPM 0-3000



FOOD GRADE MULTI-PURPOSE SYNTHETIC GREASE

SL WR FOODTHERM - 100% synthetic NSF H1 certified food grade grease for every phase of lubrication in the food and Pharma industries in presence of water, steam, acids, or salts. Superior cohesiveness and tenacity after being "worked" for 72 hours. It is showed superior film coating and excellent pump ability in cold temperature tests at 17.8°C (0°F). It is formulated with materials acceptable to FDA and USDA for use in food handling and food processing units. SL-WR WHITE is unaffected by most food products, even the cleaning chemicals used in food plants.

FEATURES :-

- Non melting
- Superior load bearing capacity:-75 lbs timken ok load-Highest for any food grade grease
- Ultra high water washout resistance:-0.5 max
- Safe to use in food, pharmaceutical, dairies, textile & packaging industries
- Operating temperature (-) 55 to 204 °C
- RPM 0-3000

APPLICATIONS:-

- ★ It is highly recommended for food plants, dairies, meat packing houses, bakeries, pharmaceutical plants, hospitals, textile plants, etc





SYNTHETIC OPEN GEAR LUBRICANT WITH METALLIC COMPOUNDS

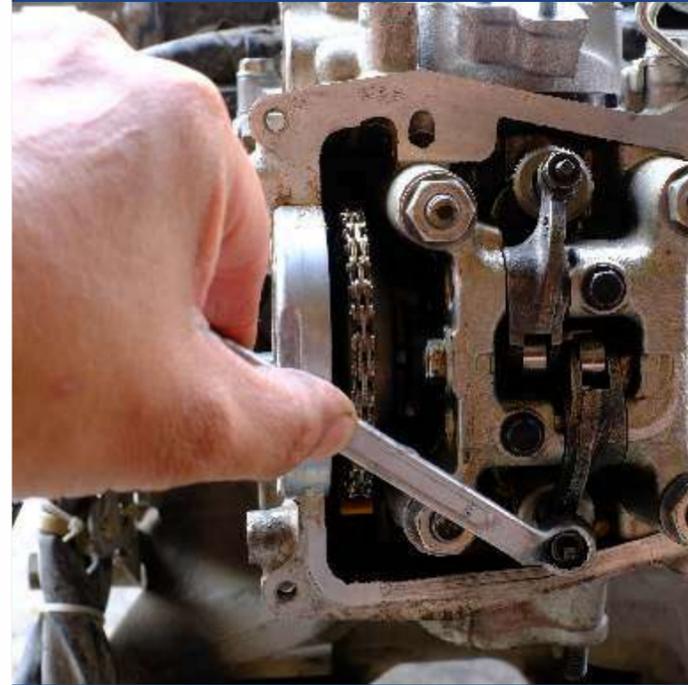
SL-OG GEARTHHERM - Metallic particles incorporated into synthetic carrier, making it bronze in colour and giving it greater plating action. Under pressure these solid lubricants are carried into the gear faces, moving surfaces, all score marks, pits and grooves, any other facial imperfections and forms uniform low friction surface coating.

BENEFITS :-

- Polymer fortified - Slings to the gear even at high rpm.
- Improved thermal & high temperature properties.
- Excellent load carrying and surface smoothing characteristics
- Non-melting/Non- dropping
- Solid lubricants - Copper bronze

APPLICATIONS:-

- ★ All types of general purpose open gear lubrication



SYNTHETIC COPPER BASED ANTI-SEIZE COMPOUND

PROTEC CU-HT - It leaves a protective film that seals and protects metal part under the most extreme conditions of heat, pressure, steam and water exposure.

It is designed as complete parts protection on threaded fittings and all metal surfaces subjected to harsh environments or high temperatures. It also helps to reduce friction of metal surfaces and allows easy movement of threaded connections during assembly and disassembly

FEATURES :-

- Non melting base
- Reduces torque
- Prevents carbon fusion
- Prevents galling & seizing
- Steam, water and chemical resistant
- Prevents rust & corrosion
- Free from sulphurous additives and halogens
- Operating temperature (-) 130 °F (54 °C) to 2200 °F (1200 °C)

APPLICATIONS:-

- ★ Threaded connections, exhaust pipes, combustion chamber connects, nuts & bolts, hinges.....

PURE SYNTHETIC NON-MELTING SILICONE GREASE

60200 VG SUPER HIGH VAC 45000 - 100% pure silicone grease , made with high viscosity silicone oils and inorganic thickener. Thermally very stable, resistance to cold and hot water, neutral to plastic and rubber parts.

FEATURES:-

- Highly adhesive and water repellent
- Chemically inert
- Neutral to plastic, rubber parts & O rings
- Excellent sealant cum lubrication properties
- Very high dielectric strength
- Operating temperature range (-) 40 °C to 200 °C

APPLICATIONS:-

- ★ High vacuum systems & stop cocks
- ★ Sealant for air line & control valves
- ★ Lubrication of O rings, rubber seals & gaskets
- ★ Damping medium for electronic equipments
- ★ Lubrication of seals of pneumatic actuators, hydraulic cylinders, gear boxes, drive shafts and mechanical assemblies with plastic and rubber combinations.



METAL FREE ANTI-SEIZE COMPOUND

PROTEC MF-WHITE - It is recommended for assembly works where use of metal containing compounds are not wanted for optical reasons, also use of copper containing products are prohibited for electro-chemical reasons/contamination reasons. Inert to high alloy steels and similar materials

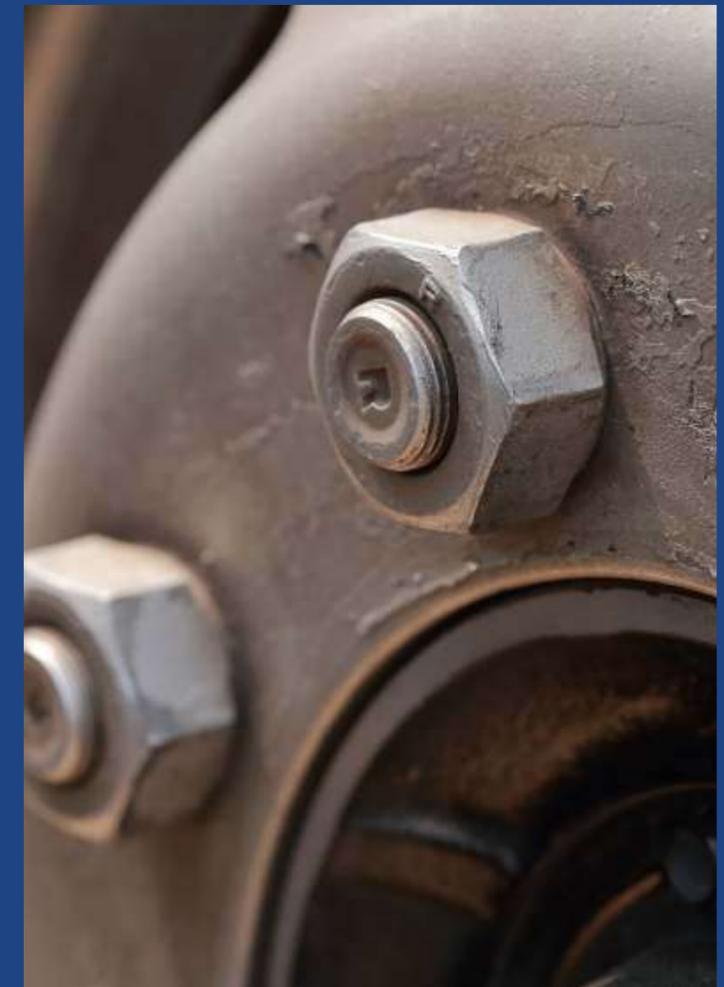
It prevents carbon fusion, cold welding, rusting and therefore allows easy assembly and disassembly of screw connections of all kinds, even after very long operation periods.

FEATURES :-

- Non melting base
- Resists cold, hot & salt, acid and alkaline water
- Free from toxic metals
- Free from sulphurous additives and halogens
- Operating temperature (-) 40 °C to 1400 °C

TYPICAL APPLICATIONS:-

- ★ Shafts and arbours, toothed wheels, chain joints , slides and guiding rails , drilling equipments , drag chains
- ★ Stud bolts in motors, threaded spindles, bearing housings, cranes and winches, spanners, shackles.



HIGH PERFORMANCE MINERAL BASE GREASES WITH "NEW GENERATION FRICTION MODIFIER" 25% MORE LIFE GUARANTEED

HEAVY DUTY LITHIUM COMPLEX FOR ELECTRIC MOTOR BEARING LUBRICATION

70602 (HS) MOTOR LUBE EP 100 GREEN -

High performance electric motor bearing grease made with unique lithium complex formulation and refined mineral oils. It is an ideal choice for all types of electric motor bearings operating at low to high temperature and high speed applications. It provides better performance than general purpose lithium greases due to very high dropping point, high mechanical stability and resistance to water wash out

FEATURES:-

- Excellent Anti-Wear and EP properties (0.42 mm & 315 kgs respectively)
- Resistance to softening due to high mechanical stability
- Operating temperature range: -25 °C to 160 °C.
- RPM range 0-3000

APPLICATIONS:-

- ★ All Types Of Electric Motor Bearing & General Bearing Lubrication



LONG LIFE POLYUREA GREASE FOR ELECTRIC MOTOR BEARING LUBRICATION

ULTROX EM-LF - To meet the lubrication of electric motor bearing operating at severe operating environments like ETP plants, acid & alkaline solutions etc. Excellent mechanical stability combined with superior high temperature oxidation and thermal stability improves the lubricating ability and life span over a wide operating conditions.

FEATURES:-

- Superior mechanical stability combined with high temperature oxidation and thermal stability (dropping point > 260 °C)
- Reduction of electrical motor down time and increased productivity
- Very high acid & alkaline washout resistance
- Operating temperature (-) 25 to 180 °C
- RPM 0-3000

APPLICATIONS:-

All types of electric motor bearing & general bearing lubrication especially ETP plants, acid & alkaline solutions environments.....

MULTI PURPOSE MINERAL BASE LITHIUM COMPLEX GREASE



APPLICATIONS:-

- ★ Long life multi purpose grease for Paper, Textile, Automotive, Ceramic, Corrugated.....industries

70602 (2) MULTI USE LC 220 BLUE - It is formulated to provide excellent resistance to thermal, oxidation and structural degradation. The extremely tacky structure resists water contamination, improves structure stability, reduce leakage, extend re-lubrication interval. It demonstrates superior mechanical stability, doesn't change consistency even after being worked for thousand times.

FEATURES:-

- 2-3 Times better performance than conditional EP2 grease
- Highly adhesive and cohesive structure
- Excellent Anti-Wear and EP properties (0.4 mm & 500 kgs respectively)
- Excellent thermal and high temperature performance (High dropping point >300 °C)
- Operating temperature range: -25 °C to 160 °C.
- RPM range 0-1500

MEDIUM DUTY MINERAL BASE HIGH TEMPERATURE NON-MELTING GREASE

SUPERBENTONE 220 HT (XX) - Designed for lubrication of plain as well as anti friction bearings operating at very high temperature. Excellent thermal and oxidation stability combined with Anti-Wear, EP properties. Non melting formulation and resistance to water washout. MoS₂ provides excellent protection in vibrating/shock loads.

FEATURES:-

- Excellent load and high temperature properties (Non-melting / non dropping)
- MoS₂ provides anti wear & protection in boundary lubrication conditions
- Excellent resistance to water wash out.
- Operating temperature (-) 25 to 250 °C
- RPM 0-2000

APPLICATIONS:-

Textile calendar roll bearings, PVC filling machines, high temperature stuffing boxes, power plant soot blowers, steel mill EOT cranes for soaking pits, rolling mill billet feeder bearings, bogie cars in sintering plant, sugar mill fibrators....



APPLICATIONS:-

Textile stenter blowers, roto arm bearings of roto moulding machines, high temperature conveyors, agitator mixers, furnace doors & hinges, planetary mixers

HEAVY DUTY HIGH TEMPERATURE MINERAL BASE NON-MELTING GREASE

60500 G SUPER BENTONE 460 - High viscosity base oils combined with anti-wear, anti-oxidant & EP additives makes this an ideal grease for slow speed, high temperature bearings used in textile Stenter blowers, Roto arm bearings of roto moulding machines, high temperature Conveyors, Agitator mixers, Furnace doors & Hinges, Planetary mixers. MoS₂ Solid lubricants for protection in critical applications

FEATURES:-

- Non melting/non-dripping type long life grease with excellent metal adhesion.
- Fortified with MoS₂ for protection in critical applications.
- Operating temperature range: -25 °C to 250 °C
- RPM 0-1000.

HEAVY DUTY MINERAL BASE LITHIUM COMPLEX GREASE

70602 (HL) HEAVY DURY LC 460 BLUE - High Performance heavy duty lithium complex grease specially developed for slow moving, heavy load and severe working conditions. The combination of high viscosity base oil and special polymer additive provides firm and sufficient lubricating film to withstand continuous loads.

Excellent shear and mechanical stability due to unique lithium complex formulation and polymer additives.

FEATURES:-

- Highly adhesive and cohesive structure
- Very high EP properties (> 600 kgs)
- Excellent thermal and high temperature performance (dropping point >300 °C)
- Low coefficient of friction and anti-wear properties
- Operating temperature range: -25 °C to 160 °C.
- RPM range 0-1000

APPLICATIONS:-

- ★ Recommended for heavy duty, slow moving bearings operated at heavy loads.
- ★ Paper mills & textile mills, steel, construction, cranes, stackers, mining, heavy duty equipments



HEAVY DUTY SEMI FLUID GREASE FOR CENTRALISED LUBRICATION

70602 (GL) SUPER FLOW SF 220 - Designed for bearings, slides, parts and gears lubricated with semi fluid greases in centralised lubrication systems used in textile, printing, injection moulding, packaging and ceramic industries. Lithium complex thickener provides excellent high temperature as well as thermal stability.

FEATURES:-

- Excellent EP and Anti-Wear properties (400 kgs, 0.45 mm respectively)
- Excellent pumpability, Preventing and reducing leakages and saving energy
- Superior working life due to very high oxidation resistance and shear stability
- Smooth flowing, will not harden, clog centralised lube lines.
- Operating temperature range: (-) 40 °C to 160 °C

APPLICATIONS:-

- ★ Centralised lubrication systems used in textile, printing, injection moulding, packaging and ceramic industries



HEAVY DUTY MINERAL BASE OPEN GEAR GREASE

70302 1000/2 Super Gear 1000 - Developed for manual lubrication of highly loaded Open / Girth gears used in cement, steel, coal based power plant, sponge iron plants, minings. The unique lithium complex formulation combined with superior extreme pressure additives and Solid lubricants provide excellent mechanical & shear stability at very high load.

70302 1000/00 Super Gear 1000 - Developed for automatic lubrication of highly loaded open /girth gears used in cement, steel, coal based power plant, sponge iron plants, minings...Excellent pumpability, easily sprayable, do not clog the centralised lubrication systems due to unique Aluminium Complex formulation. MoS₂ reduces the friction and improve anti-wear properties. Excellent adhesion and superior water resistance.

FEATURES:-

- Excellent adhesion and film formation on the gears
- Very high EP load and anti-wear properties (800 kgs, 0.4 mm respectively)
- Resistance to water wash out.
- MoS₂ reduces the friction and improve anti-wear properties
- Operating temperature (-)25 °C to 180 °C
- RPM 0-500.

APPLICATIONS:-

Highly loaded open /girth gears used in cement, steel, coal based power plant, sponge iron plants, minings...



MoS₂ BASED ASSEMBLY PASTE

90200 MOLYPLUS - MoS₂ based assembly paste specially developed for heavy duty press fittings of wheels, bearings, gear wheels, cranes shafts,... Prevents seizing, stick slip in guides & slideways, lubrication of valve spindles & slow speed slides. Excellent load carrying capacity at any working conditions and ultra low coefficient of friction.

FEATURES:-

- Ultra low coefficient of friction
- Provides emergency lubrication during start-up & stop at heavily loaded equipment
- Operating temperature range: -25 °C to 450 °C (630 °C solids)

APPLICATIONS:-

Press fittings of wheels, threaded connections, guides & slideways... Lubrication of highly stressed sliding surfaces such as plain bearings, gear wheels, crankshafts.



MOS₂ BASED SEMI FLUID WIRE ROPE GREASE

70202 SUPER WIRE ROPE - Semi fluid grease based on highly refined mineral oil and inorganic thickener. The solid lubricant MoS₂ reduces internal friction and wear often encountered in multi-strand wire ropes. Excellent load bearing, capacity anti-wear, anti-corrosion and water repelling properties. Thin outer film protects ropes & sheaves from dust and dirt

FEATURES:-

- Non-melting, non-dripping formulation
- Fast wetting action-penetrates deeply into wire rope strands & protects
- Very easy to clean, will not form hard outer film which act as a barrier when the ropes needs to be re-lubricated
- Bitumen Free formulation
- Solid lubricant MoS₂ reduces internal friction and wear
- Operating temperature (-) 30 to 200 °C

APPLICATIONS:-

- ★ Designed for wire ropes used in mining, marine, construction, ports, warehouses, shipyards ...