

Experience the new driving force in technology with
**The Most Advanced State-of-the-Art
NANO LUBRICATING TECHNOLOGY**



Ultimate SPECIALTY LUBRICANT

with Almost ZERO Wear Performance

Industrial • Transportation • Agricultural • Heavy Equipment • Mining • Marine



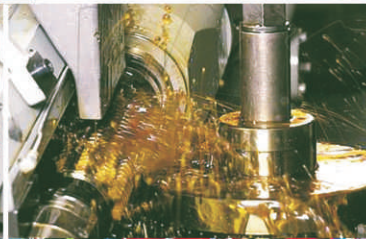
Almost
**ZERO
WEAR**



**NIB Metal
Treatment**
15 LOADS



OTHERS:
4 LOADS
Extreme Wear



- Minimizes friction for a minimum of 70% ◦
- Decreases fuel consumption 7-10% ◦
- Increases engine performance (HP) up to 9% ◦
- Prolongs engine & parts life 2-3 times, and oil life 100% ◦
- Decreases oil consumption caused by high temperatures and friction ◦
- Reduces engine noise ◦
- Reduces in operating temperatures ◦
- Reduces Oxidation ~ resists sludging (cleaner engine) ◦

Company Profile

PRIMO is a registered trademark of **JC Group Companies** (Taiwan, USA, China, Hong Kong, Philippines, Singapore, Indonesia). **PRIMO Lubricant** is manufactured under ISO 9001 International Quality System Standard, guaranteed by National Standards (Certificate of Registered Lubricant Number) & has passed extensive quality control to qualify for supplying complete range of lubricants that meet the requirements of today's efficiency in automotive, transportation, industries, marine, agriculture, mining, drilling & other specialty market

Program & Service

Our program includes a wide range of lubricant & lubrication maintenance management support services, cutting down operating expenses, boosting up productivity & profitability and assisting in maintaining high standards of quality.

We also offer products and services tailored to meet specific needs:

- Complete range of high performance lubricants
- Lubrication and product management consultation
- Maintenance management system program
- Lab and on-site lubricant analysis
- Lubricant handling program
- Training program
- Lubrication system & contract



Specialty Products

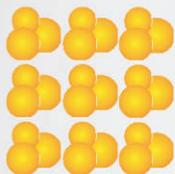
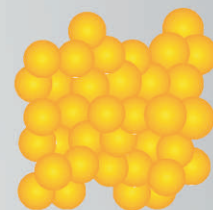
PRIMO Specialty Lubricant (division) is high performance & innovative designed from USA & European technology and continuously producing up to date and high quality lubricants (oils & greases) with better performance lubrication technology that lasts longer & lubricates better under severe operating conditions to support wide operation plans.



What Are The Differences Between PRIMO Specialty Lubricants with Other Lubricants?

● BASE OIL

LATEST GENERATION FULLY SYNTHETIC COMPLEX ESTER & SYNTHETIC HYDROGENATED BASE OIL
Its base oil which make it exceeds the standard requirements of oil industries & vehicle manufacturers with higher Viscosity Index, better ability to lubricate at low and high temperatures, outstanding stability against oxidation, compatible & mixed well with mineral based oil, the best hydraulic stability in its class and better lubrication ability.



● PETROCLEAR

replaces conventional mineral Group 1 Base Oil

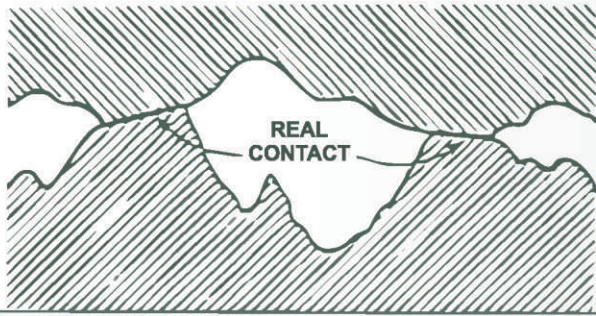
Petroclear base oil that appears clear as water after passing through several stages of purifying process to eliminate harmful elements that can decrease its lubricating performance has the benefit of higher Viscosity Index - more stable viscosity at high temperatures, better stability against oxidation - extends oil service life, cleaner & tidier engine - harmful elements have been eliminated from lubricants, extends engine service life.

Combined with the latest European technology additive packages provide more stable & powerful oil film to protect engine parts from wear, smoother engine sound because of better lubrication.

▶▶▶ **PRIMO Base Oil technology enables PRIMO to develop Superior Lubricants!**
BUT, it is the PRIMO State-of-the-Art NIB (Nano Ionic Bond) LUBRICATING TECHNOLOGY Metal Treatment that gives PRIMO amazing performance advantages!

NIB Metal Treatment additive forms powerful covalent & ionic bonds on metal surface that develops super slick characteristics; protects metal from friction, micro pitting corrosion & wear, and blocks oxygen – decreases oxidation process to make a cleaner system and prolonged lubricant life. Active NIB protection molecules cling to parts leaving active protective film in any condition even when the system is turned off. Therefore, this lubricant amazingly protects in start up as well as warm up.

Friction & Oxidation



When metal surfaces rubbed together under pressure, the friction causes rolling or sliding resistance. Tearing of “ware metals” from metal surfaces creates heat in order of hundreds of degrees Fahrenheit as bits of metal are pulled away.

This action develops uneven pits and channels in the metal surfaces as the bits of metal are broken off. The action roughs up the smoothly machined metal surfaces, resulting in more friction, causing greater heat, and wear to develop.

The heat produced oxidizes metal surfaces and making them in turn more subject to wear. The worn out metal, then, did not caught in the filter, gets back between the rubbing metal surfaces to act as an abrasive, causing accelerated wear process and get worse. And the degenerative wear cycle becomes more aggressive with time.

In addition, the oils & greases also oxidized (*especially when water, acid, & salts are present*), reducing their lubricating qualities which add up the problem. Increased friction may cause oils & greases get hot enough to oxidize fast enough to burst in flame; resulting in severe damage to the expensive machine they were intended to protect.

►► **Obviously, friction and corrosion are machine’s worst enemies**

But the *new space age NIB (Nano Ionic Bond) LUBRICATING TECHNOLOGY* Metal Treatment solves both problems by treating the rubbing metal surfaces.

How It Works?

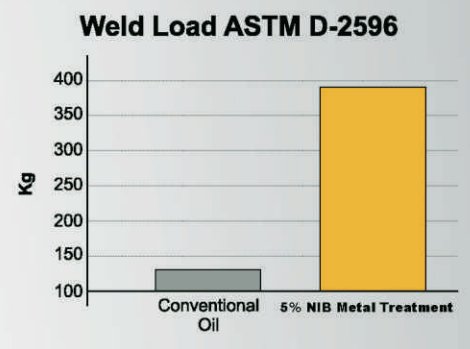
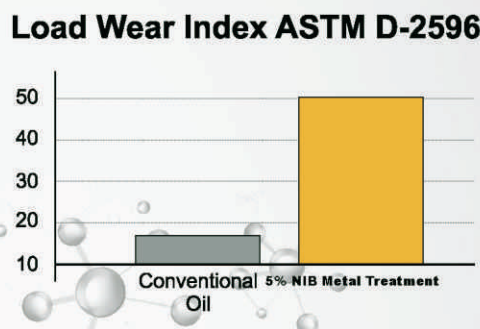
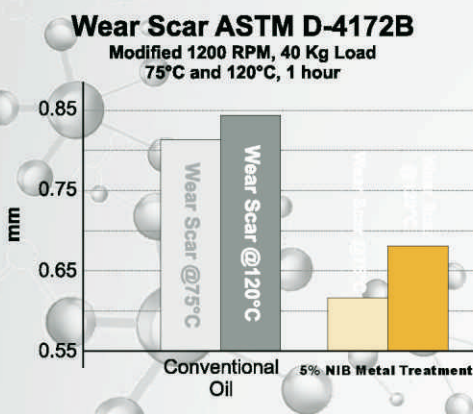
PRIMO NIB (Nano Ionic Bond) LUBRICATING TECHNOLOGY Metal Treatment forms a strong covalent and ionic bond on vital metal surface forming a new surface that is super slippery character; protects metal from friction, micro pitting corrosion and wear.

This new surface also blocks oxygen while virtually eliminating particle generation, decreases oxidation process. These two major catalysts in the process make the reason oil drains can be safely extended minimum 2 times without any loss in efficiency or component wear.

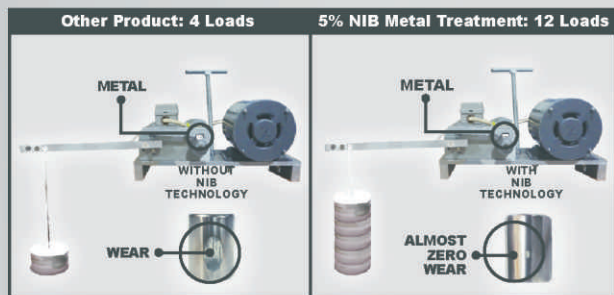
Super slippery character prevents metal-to-metal contact, engine can be operated for several hours safely, in case the oil is drained down from the crankcase accidentally.

PRIMO NIB (Nano Ionic Bond) Metal Treatment is non-corrosive to metals, recommended to be added to oils used in case-hardened parts component which are easily pitted by conventional sulfur-phosphorus extreme pressure additive.

PRIMO NIB (Nano Ionic Bond) Metal Treatment displaces water from metal surfaces and excels in protecting equipment in wet environments. It is also fortifies the oil against the detrimental effects of heat causes oil to oxidize.



Falex Machine: Wear Test



Distance	0 Km	5,000 Km	5,000 Km	10,000 Km
Difference	New Engine Oil	Engine Oil + NIB Metal Treatment	E. Oil without POWER MAXI	Engine Oil + NIB Metal Treatment
TAN (mg/g)	1.48	1.41	1.65	1.88
Viscosity 40°C cst	86.9	81	89	96.1
Viscosity 100°C cst	13.3	12.4	19.8	13.3
TBN	8.6	8.6	5.4	7.6
Specific Gravity	0.873	0.886	0.989	0.896
Viscosity Indeks (VI)	154.2	150.2	120.8	137.6
Flash Point	208	200	206	208

Test for Engine Oil Quality

Test results have proven that adding NIB (Nano Ionic Bond) Metal Treatment to engine oil is extraordinarily increasing oil value & stability, i.e. after 5,000 and even 10,000 km oil viscosity becomes much more stable & almost no change even in heat test at 100°C. Viscosity Index becomes much more stable, oil molecules & film continuously protecting better at high temperature compared with oil without NIB (Nano Ionic Bond) Metal Treatment (i.e. values drastically decreased).

TBN becomes more stable (particularly in diesel engines) with increased ability to withstand acidity caused by diesel fuel with high sulfur content. Its cleansing additive outstandingly removes and cleanses gum, sludge, varnish and simultaneously inhibits production of sludge that hinders efficiency of engine performance. Those are proofs that NIB (Nano Ionic Bond) Metal Treatment additive package provides amazing results.

Comparison Table of Cylinder Pressure & Relative RPM

In table we can see that the average operational speed of engine with NIB (Nano Ionic Bond) Metal Treatment added to engine oil is increased to 194 while average operational speed of engine without NIB (Nano Ionic Bond) Metal Treatment is only 182.

This has proven that NIB (Nano Ionic Bond) Metal Treatment is able to decrease coefficient of friction resulting in smoother & softer upward and downward movement of pistons with less friction – engine's rotation (RPM) and operational speed is increased.

Cylinder Pressure & Relative RPM	Test Cylinder	1	2	3	4	5	6	Average
		Oil Type						
Original Engine Oil	Cylinder Pressure	0,80	0,76	0,79	0,76	0,75	0,76	0,77
	Operational Speed	181	181	178	186	181	187	182
Oil Temperature During Test at 70 °C								
Engine Oil + NIB Metal Treatment	Cylinder Pressure	0,80	0,76	0,79	0,76	0,75	0,76	0,77
	Operational Speed	211	190	193	190	191	192	198

Make Your Own Super Lubricant! Ready in Concentrated Package.

POWERMAXI

Enables you to blend your own Super Lubricants! with amazing "lower energy costs" performance advantage & Start Saving Money!

ENGINE & COMMERCIAL VEHICLES

Engine oils, auto gear oils, marine diesel engine oils, locomotive engine oils, 4-stroke motorcycle oils, outboard motor oils, truck and tractor diesel engine oils, large diesel engine oil, natural gas engine oils, bicycling, wheel bearings, chassis, bushings, chains, etc.

INDUSTRIAL

Industrial gear oils, hydraulic oils, compressor oils, turbine oils, chain & sprockets, rock drilling oils, slide way lubricants, machine tools, printing equipments, paper machines & equipments, metal workings (cutting, drilling tapping), mining equipments, concrete form oils, paper machine oils, steam cylinder oils, process oils, wire rope & cable lubricants, armaments, robotics, greases, wax & other lubricant additives.

Does not contain PTFE, Silicone, Teflon, other corrosive chemical and solid lubricants such as: Moly (MoS₂), Boron Nitrite, Tungsten or Graphite. Does not clog oil filters as it is purely lubricant.

Also available in Industrial Package



ADD 3% - 5 % to oils and 10% - 15% to greases

Blend completely by mixing & stirring lightly.

Easily blended with synthetic & mineral oils. by light stirring. For bigger package (i.e. drum) stirring by simple mixer tool for + 10 mins is recommended.



STEP 1
Pour Oil to empty & clean container



STEP 2
Add 3-5% POWERMAXI to container



STEP 3
Blend completely by mixing & stirring lightly

READY-TO-USE OILS & GREASES



NIB (Nano Ionic Bond) METAL TREATMENT enables PRIMO SPECIALTY LUBRICANT to make the most advanced Lubricating Technology in AUTOMOTIVE (engine, gear, grease) lubricants as well as INDUSTRIAL OILS & GREASES, that manufactured from SYNTHETIC COMPLEX ESTER, SYNTHETIC HYDRO ISOMERIZED and PETROCLEAR based stock (several stages of purifying process resulting in pure base oil as clear as water),

Enriched with state-of-the-art Lubricating Technology NIB (Nano Ionic Bond) Metal Treatment. Active NIB protection molecules cling to parts leaving a protective film that is active in any condition even when the system is turned off. Therefore this oil will also protect during start up as well as warm up.

Automotive Lubricant



GASOLINE ENGINE OILS

SPEEDMAX SAE 5W40 (Fully Synthetic), SAE 10W40 (Synthetic Blend), SAE 15W50 (Synthetic Blend)

Product Code: 0001.0001 (SAE 5W40), 0001.0002 (SAE 10W40), 0001.0003 (SAE 15W50)

- Exceeds latest API SM/CF specification, SAE 5W40, ACEA A3/B3, A3/B4, VW 502.00/505.00/503.01, Mercedes Benz 229.3, BMW Longlife-098.
- Racing lubricant for racing cars, all modern gasoline engines and catalytic converters, LPG & diesel direct injection powered engines in modern prestige and sport cars, whose engines run faster and hotter in order to achieve ultimate engine efficiency and protection.

POWERMAX SYN API SJ/CF, SAE 20W50 (Synthetic Blend)

Product Code: 0050.0002

POWERMAX API SJ/CF, SAE 20W50 (PETROCLEAR base oil)

Product Code: 0050.0004

- Meets the following performance requirements: ACEA A3/B3, API SJ/CF, VW 500/505.
- Racing lubricant for racing cars, all gasoline & turbocharged or normally aspirated diesel engines, transportation, passenger car, bus, light duty truck, etc, which ultimate engine efficiency and protection are demanded.

DIESEL ENGINE OILS

TURBOMAX API CI-4/SL, SAE 15W40 (Fully Synthetic)

Product Code: 0050.0005

- The highest complete performance level API CI-4/CH-4/CF-4/SL/SJ, DHD-1 (Global Specification), ACEA E5/E3/B4/B3/A3-02, ACEA E3/A3/B3/B4-04, Mercedes Benz 228.3/229.1, MAN 3275/271, Volvo EOM Plus, Cummins 20071/72/76, MTU Category 2, JASO DH-1 (capable).
- Designed for heavy duty diesel engines with or without pre-combustion chamber, turbocharger, direct injection, such as MPVs (Multi-Purpose Vehicles), buses, trucks, power generators, etc. Also for the latest diesel engine using EGR (Exhaust Gas Recirculation) technology and gasoline engines that require API SL/SJ lubricant.

ULTRAMAX SYN API CH-4/SH, SAE 15W40 (Synthetic Blend)

Product Code: 0050.0006

ULTRAMAX API CH-4/SH, SAE 15W40 (PETROCLEAR Base Oil)

Product Code: 0050.0008

- Exceeds API CH-4/SH. Meets the performance requirements: MAN 271, ACEA E3/B3/A3-96, MB.228.3, MB.229.1, Mack EO-L Plus, EO-K/2, Volvo VDS-2, US Military MIL-L 2104F, 4615 2D.
- Designed for modern diesel engines with direct injections (DI), low emission & Precombustion Chamber (PC) models, all turbocharged & high RPM diesel engines. Meets the technical requirements from prominent diesel engine manufacturers such as: Caterpillar, Isuzu, Toyota, Mitsubishi, Scania, Volvo, Mack, MAN, etc, i.e. passenger cars, industrial & marine engines and power generators.
- Red color for easy detection of leakages (ULTRAMAX with PETROCLEAR).

EXTRA PROTECT NIB API CF/SF, SAE 30, 40 (PETROCLEAR Base Oil)

Product Code: 0050.0011 (SAE 30), 0050.0012 (SAE 40)

- Meets the following performance requirements: API CF/SF, MIL-L-2104D.
- For all turbocharged or normally aspirated diesel as well as gasoline engines, transportation, passenger car, bus, truck, etc. Meets the requirements of major Japanese & European OEM's: Caterpillar, MAN, Mack, Isuzu, Toyota, Mitsubishi, Scania, Volvo, Nissan, etc.

AUTOMOTIVE GEAR OILS

RED TACK GEAR NIB

API GL 5 SAE 90, 140,80W90, 85W140 (Synthetic Blend Gear Oil)

Product Code: 0051.0001 (SAE 90), 0051.0002 (SAE 140), 0051.0004 (SAE 80W90), 0051.0005 (85W140)



AUTOMOTIVE GEAR OILS

RED TACK GEAR NIB

API GL 5 SAE 90, 140,80W90, 85W140 (Synthetic Blend Gear Oil)

- Fortified with adhesive-tackiness agent, clings to gear sets. Red color for easy detection of leakages. Exceeds API Service Level GL-5, GL-4, MIL-L-2105D, MACK GO-G.
- For differentials & conventional transmissions, gears, all types of hypoid rear axles, especially operated in heavy loads (including dynamic loads) & high slip between teeth, for final drives, high conventional gear & steering boxes, in wet, dirty and shock-loading conditions.

Industrial Lubricant



INDUSTRIAL GEAR OILS

INDUSGEAR SYN NIB Available in ISO 68 to 1000

Product Code: 0052.0001 (ISO 32), 0052.0002 (ISO 46), 0052.0003 (ISO 68), 0052.0004 (ISO 100), 0052.0005 (ISO 150), 0052.0006 (ISO 220), 0052.0007 (ISO 320), 0052.0008 (ISO 460), 0052.0009 (ISO 680), 0052.0010 (ISO 1000)

FULLY SYNTHETIC HYDROISOMERIZED and ESTER Industrial gear oil, treated with European additive systems & NIB (Nano Ionic Bond) Metal Treatment. Outstanding performance in extreme service at high and low temperatures, well beyond the capabilities of mineral oils. Used for high ratio/low-efficiency worm gears, all types of closed system industrial gears and bearings.

INDUSGEAR NIB Available in ISO 68 to 1000

Product Code: 0052.0011 (ISO 68), 0052.0012 (ISO 100), 0052.0013 (ISO 150), 0052.0014 (ISO 220), 0052.0015 (ISO 320), 0052.0016 (ISO 460), 0052.0017 (ISO 680)

PETROCLEAR based industrial gear oil, treated with European additive systems & NIB (Nano Ionic Bond) Metal Treatment. Fortified with tackiness agent to increase adhesiveness to gear sets. For all types of closed system industrial gears, bearings, also for transmissions and couplings.

HYDRAULIC OILS

HYDROPOWER SYN NIB Available in ISO 68 to 100

Product Code: 0053.0001 (ISO 32), 0053.0002 (ISO 46), 0053.0003 (ISO 68), 0053.0004 (ISO 100)

• High viscosity index FULLY SYNTHETIC HYDROISOMERIZED Hydraulic Oil, treated with European additive systems & NIB, provides exceptional high quality, wide range of temperatures, shear-stable hydraulic oils which extend period of time without the loss of critical lubrication characteristics, well beyond the capabilities of mineral oils.

• Meets the most rigorous performance requirements of wide range of hydraulic systems (high pressure) and component manufacturers, using various multi-metallurgy designs including close clearance servo-valves and high accuracy numerically controlled (NC) machine tools.

HYDROPOWER NIB Available in ISO 68 to 100

Product Code: 0053.0005 (ISO 32), 0053.0006 (ISO 46), 0053.0007 (ISO 68), 0053.0008 (ISO 100)

PETROCLEAR Based Hydraulic Oil, treated with European additive systems & NIB. Exceptional resistance to rusting and corrosion, excellent anti-wear, foam control, demulsibility and air release properties, allows extension of oil and filter change intervals while assuring exceptionally clean systems and trouble-free operation.

CIRCULATION & MACHINERIES OIL

SUPREME CIRCLE NIB Available ISO 32 to 220

Product Code: 0055.0002 (ISO 68), 0055.0003 (ISO 100), 0055.0004 (ISO 150), 0055.0005 (ISO 220)

FULLY SYNTHETIC HYDROISOMERIZED and ESTER Circulation & Chain Oil fortified with NIB and selective additives anti-wear, anti-corrosion and oxidation properties make this oil to clean up residues + adhesive agent which adhere to metal surface. It has very special polar properties for high bonding forces on metal surface, oil remains between bolt and bushing of the chain link for a long period.

Designed for use on driving and setting machines for all oil lubricated stenter chains, roller chains, chains or clips supported by ball bearings (also lubrication of bearings, chain joints, slideways and bolts), sliding chains (also sliding rails, chain joints and bolts), which operate at temperature 280°C, will even survive temporary at temperature up to 350°C.

CIRCLE NIB Available ISO 32 to 220

Product Code: 0055.0006 (ISO 68), 0055.0007 (ISO 100), 0055.0008 (ISO 150), 0055.0009 (ISO 220)

PETROCLEAR base circulation chain oil, treated with European additives system & NIB. Riches with adhesive-tackiness agent for high bonding forces on metal surface, oil remains between bolt and bushing of the chain link for a long period.

SLIDE WAY NIB Available ISO 32 to 220

Product Code: 0055.0010 (ISO 32), 0055.0011 (ISO 46), 0055.0012 (ISO 68), 0055.0013 (ISO 100), 0055.0014 (ISO 150), 0055.0015 (ISO 220)

Slide way lubricant with NIB to prevent the stick/slip or chatter phenomena that commonly occur at the beginning and end of a machine tool stroke by forming a super slippery (superior anti-wear) boundary layer of protection and adhesive-tackiness agent that prevent stick/slip and wear, fortified with anti-rust and has excellent resistance to water washout.

SPINTEX NIB

Product Code: 0055.001 (ISO 10), 0055.0017 (ISO 15), 0055.0018 (ISO 22), 0055.0019 (ISO 32)

Light colored spindle oils manufactured from highly stable, high quality paraffin base oil, combine with detergent and dispersant, rust inhibitors and anti-oxidation, fortified with NIB, forms a super slippery boundary layer of protection, perform for long period of time which amazingly decrease friction (lesser wear) and lesser producing acids and sludge - Provided better performance in lubrication.

METAL WORKING FLUID

INSOLUCUT NIB Available ISO 32 to 220

Product Code: 0055.0001

SUPREME ANTI-WEAR Neat Cutting Oil, manufactured from refined mineral oil, lubricity additives and state-of-the-art NIB, forms a strong covalent and ionic bond on vital metal surface, forming a new surface that is super slippery character, protects tools from wear and rust. Excellent thermal transfer properties and oxidation stability. Suitable for a wide range of applications on ferrous and non-ferrous metal, automatic and multi-tool lathes even when machining high tensile steels. It is also suitable for specialized operations such as production thread grinding, gear cutting, broaching, boring, turning, milling, hobbing, tapping and multi-cutter milling set-ups.

COMPRESSOR & TURBINE OILS

SYNCOM 90 NIB Available from ISO 32 to 220

Product Code: 0054.0001

FULLY SYNTHETIC HYDROISOMERIZED and ESTER Compressor oil, treated with European additive systems & NIB. Outstanding performance in extreme service at high temperatures, prolongs compressor's life and won't easily produce carbon residues and deposit, well beyond the capabilities of mineral oils. Recommended for cooling of flood type vane rotary and screw air compressors, also for vacuum pumps. Recommended for discharging temperature of exceeding 90°C and/or pressures higher than 10 bars. Long drain interval, from 4000 to 8000 hours.

AIRCOM NIB Available in ISO 32 to 220

Product Code: 0054.0001

PETROCLEAR Based Compressor Oil, outstanding performance in high & low temperatures compared to conventional mineral group 1 base oils, treated with European additive systems & NIB. Its performance exceeds the standard performance of: CM P-38, P-54, P-55, P-57, General Electric GEK-32568, Solar Turbines ES9-224, US Military MIL-L-17672D, DIN-51524, PART 1, DENISON HF-1. Recommended particularly for screw, rotary vane & reciprocating type air compressors, also for vacuum pumps from various brands of air compressor, steam - gas and hydro-electric turbines.

TURBINE NIB Available in ISO 32 to 220

Product Code: 0054.0001

Designed for steam, gas turbines and hydro turbine sets or other systems in industrial machineries where long lubrication service life is required and all other circulation systems such as in pumps, valves and ancillary equipments. PETROCLEAR base oil, treated with European additives system & NIB. Highly effective additives package which provide high level of thermal stability, rust & corrosion protection, excellent separation from water and a high resistance to emulsification & oxidation.



GREASES & COMPOUND

High Temperature Grease - Lithium Complex

COMPLEX HT RED NIB # 2, 3

Product Code: 0057.0003 (NLGI 2), 0057.0004 (NLGI 3)

SUPREME PERFORMANCE "ALMOST ZERO FRICTION" MULTI-PURPOSE LITHIUM COMPLEX GREASE for resistance to high temperature and heavy load, combined with rust and corrosion inhibitor, extreme pressure, anti-oxidation, and adhesive-tackiness agent, forms a strong adhesive film to keep lubricant stays in place and provides higher resistance to water abrasion and washout when used in tidal areas and over a wide range of temperatures and working conditions. The NIB contained will perform super slippery characteristic; protects parts from wear and rust - lesser wear, longer service and parts life. Dropping Point: 305°C.



SUPERTACK COMPLEX HT RED NIB # 0, 1, 2, 3

Product Code: 0057.0005 (NLGI 0), 0057.0006 (NLGI 1), 0057.0007 (NLGI 2), 0057.0008 (NLGI 3)

- SUPER ADHESIVE –TACKY & HIGH TEMPERATURE Grease with NIB, forms a SUPER SLIPPERY performance and reduced oxidation process. "Always Stays in Place" Grease, designed for works under the worst operating conditions of water-dirt-mud, extreme shock & load conditions.
- Recommended for wheel bearing, including disc brake applications, fifth wheels, steering linkage, U-joints and chassis lubricant. The adhesiveness and water resistance qualities of this grease make it an ideal chassis lubricant for "off-road" trucks, logging, mining, agriculture and construction equipment. Dropping Point : 295°C to 305°C.
- NOT RECOMMENDED FOR SMALL BEARINGS OPERATING OVER 5000 RPM & CENTRALIZED DISPENSING SYSTEMS. The adhesiveness makes this grease harder to be pumped & may require the use of heavy follower plate in air operated grease pumps.



Medium Temperature Grease - Lithium

MULTIUM RED NIB # 000, 00, 0, 1, 2

Product Code: 0057.0014 (NLGI 000), 0057.0015 (NLGI 00), 0057.0016 (NLGI 0), 0057.0017 (NLGI 1), 0057.0018 (NLGI 2),

SUPREME PERFORMANCE "ALMOST ZERO FRICTION" MULTI-PURPOSE LITHIUM GREASE with NIB (Nano Ionic Bond) Metal Treatment. Recommended for almost all frictional metal such as ball dan roller bearings, high and low speed bearings, electro motor bearings, hoists, universal joints, pins, bushings, cams, splines, bars and slides. Automotive and fleet applications, including all Universal and CV joints, chassis, wheel bearings, high temperature disc brakes, steering gears, water pumps, fifth wheels, etc. Dropping Point at 200°C to 205°C.



GREASES & COMPOUND

Medium Temperature Grease - Lithium

SUPERTACK RED NIB # 0, 1, 2, 3

Product Code: 0057.0005 (NLGI 0), 0057.0006 (NLGI 1), 0057.0007 (NLGI 2), 0057.0008 (NLGI 3)

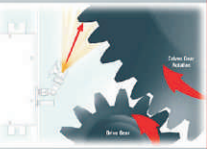
SUPER ADHESIVE –“Always Stays in Place” TACKY Grease with NIB, forms a SUPER SLIPPERY performance and reduced oxidation process. Designed for works under the worst operating conditions of water-dirt-mud, extreme shock & load conditions. Applications are almost the same with SUPERTACK COMPLEX HT RED NIB, but do not exceed continuous working temperature of up to 135°C and intermittent of up to 160°C. Dropping Point: 200°C to 205°C.



OPEN GEARTACK NIB

Product Code: 0057.0022 (NLGI 150), 0057.0023 (NLGI 220), 0057.0024 (NLGI 320), 0057.0025 (NLGI 460), 0057.0026 (NLGI 680), 0057.0027 (NLGI 1500), 0057.0028 (NLGI 4500), 0057.0029 (NLGI 7500)

ADHESIVE OPEN GEAR & CHAIN LUBRICANT with NIB, forms a SUPER SLIPPERY anti-wear performance and reduced oxidation process. EXTREMELY LESSER WEAR - SUPREME PERFORMANCE - NO MESSY ENVIRONMENT (does not contain MoS2, graphite, bituminous or any solid lubricant found in conventional open gear lubricant. Used to lubricate open gears, chains, gear couplings, worm gear drives. Extremely adhesive, makes this oil adheres to metal surface thus reducing considerably the risk of contamination due to leakage, especially at high gear and chain speed and also reduces noise of gear and chain.



SUPERSYN NIB #0, 1, 2

Product Code: 0057.0019 (NLGI 0), 0057.0020 (NLGI 1), 0057.0021 (NLGI 2)

This SYNTHETIC WHITE GREASE is the first-choice grease when long service life without negative effects on materials is desired. EXTREME CONDITION in High (Temperature – Friction – Speed) & Chemical Resistance – Non Toxic - far superior to conventional lubricants in terms of longevity and thermal resistance, + with NIB (Nano Ionic Bond) Metal Treatment that forms a SUPER SLIPPERY (ALMOST ZERO WEAR) performance and decrease oxidation process.

Designed for almost all frictional metal such as in ball & roller bearings, fast rotating & low speed bearings, electro motor bearings, hoists, universal joints, pins, bushings, cams, splines, bars and slides, bearings & guideways in automatic baking or cooking ovens, broad drawing rollers, often subject to high thermal loads but also start reliably at lower temperatures, e.g. in the paper or textile industries. It's a multi-uses grease for application in many industries, textiles, precision engineering & electronics, etc.



Multi-Purpose Lubricant Spray (aerosol)

ADHESIVE OIL (aerosol)

230 SUPER TACK CHAIN & WIRE ROPE LUBRICANT

Product Code: 0101.0230

SUPREME ANTI-WEAR chain & wire rope lubricant spray, manufactured from synthetic lubricant, corrosion inhibitors, exceptional penetrating and superior anti-wear ability with NIB, provides excellent lubrication to reduce metal to metal contact (Almost Zero Friction) between the wires and cables during operation while the rust and corrosion protection within the core, adjacent wires and exterior surfaces. Adhesive - tackiness agent forms a strong adhesive film to keep lubricant in place and provides higher resistance to water abrasion and washout when used in tidal areas.



RICH OIL FILM - STAYS IN PLACE

SEMI DRY PENETRATING OIL (aerosol)

222 SUPER SLICK LUBE

Product Code: 0101.0230

MULTI-FUNCTION (Lubricant, Penetrant, Anti-Rust & Anti-Corrosion, Demoisurizer, Cleaner + NIB)

Semi-Dry, penetrating oil with NIB - covers metal with extraordinary anti-wear ability (Almost Zero Friction) and at the same time prevents oxidation of metal surface. Also known as SMART LUBRICANT, CLEAN LUBRICANT, SEMI-DRY lubricant, ALL IN ONE LUBRICANT. Used to lubricate metal to metal contact (bearings, hinges, switches, bolts, chains, gears, lock & moving part mechanisms, etc) in households, bicycles, automotives, mining, drilling, marine, industries, agriculture, armaments, robotics & racing activities.



This published information is accurate at the date of printing. Please be notified that the above information is subject to change subsequent to the date of printing in the blend formulation or methods of application of the products.



Ultimate SPECIALTY LUBRICANT

with Almost ZERO Wear Performance



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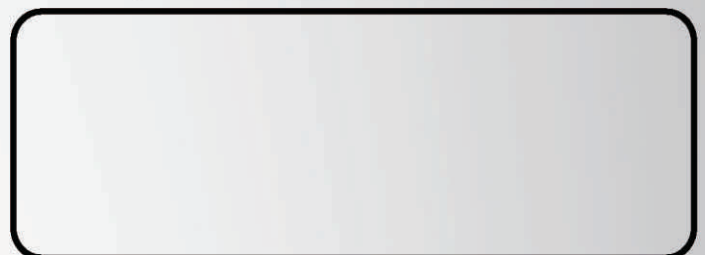
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