



Lubeco[®]
FUTURISTIC GREASES



Lubeco Futuristic Greases, a manufacturer of nano-technology based high performance greases and specialty lubricants based in Pune, India is a brand by Pratap Tex-Chem Pvt. Ltd., a company established in 1999. We are proudly manufacturing a range of industrial lubricants, cutting fluids, cleaners, rust preventives and specialty lubricants under the brand name of Lubeco Green Fluids for the past 25 years. We also have other verticals, Supergen and Krushagra catering to automotive and agriculture industry respectively.

We are extremely happy to introduce one of a kind nano-technology in high performance and specialty greases, one of the very few users of nano-technology in the field of Industrial lubricants application under the Make In India initiative. We have a certified lubricants expert from the International Council Of Machinery Lubrication, USA(2014) to lead and guide our team.

Lubeco Futuristic Greases help in:

- Increase Machinery Efficiency
- Overcome The Challenges Caused By Demanding Conditions
- Extend Service Intervals
- Reduce Maintenance Costs
- Minimize Downtime
- Maximize Productivity
- Increase Profits
- Improve Environmental Footprint

Our expertise in nano-technology and lubrication of industrial machinery can help you maximize return on investment.

Lubricant reliability is critical to service life of industrial equipment.

Lowering production costs and meeting environmental requirements are the biggest challenges no matter what industry you are in. If you want to see your company thrive, then you should ensure that all machinery works in your favour, increasing operations' overall productivity, efficiency, and profitability. Most of these goals may be achieved through cutting-edge innovative lubrication based on our unique nano-technology.

AZURE SERIES

Premium greases based on nano technology for extreme industrial applications like high temp, very high loads, high pressures, vacuum, very high speeds, chuck lubrication, centralized lub systems, wire rope greasing, open gear lubrications etc.

AZURE 00 ULTRA PLUS	AZURE 2 HISIL
AZURE 1 CHUCK PASTE	AZURE 2 HSG
AZURE 1 OG	AZURE 2 PSHS
AZURE 1 WRB	AZURE 2 MINPU
AZURE 2 GRANDURE	AZURE 2 SYNPU
AZURE 3 HISIL	AZURE 2 VALVESEAL
	AZURE 2 PREMIER

AZURE 2 ULTRA SERIES

Pin n bush in construction equipment, jaw/cone/impactor/vibrofeeder crusher bearings. Pellet mill in cattle food industry. Roller bearing in work rolls, back rolls, textile dying rollers, grease for water vapours, roughing & cooling beds in steel rolling mills in HRM industry & chocke greasing in cold roll mills.

AZURE 2 ULTRA PB	AZURE 2 ULTRA RM
AZURE 2 ULTRA PM	AZURE 2 ULTRA TEX

NANO TECHNOLOGY BASED CHAIN OILS

Premium chain oils based on synthetic & veg base oils, carefully formulated for overhead conveyors in auto & engineering industry, powder coatings, with long term lubrication & non dripping properties with lowest coefficient of friction

SUPERLUBE 100 CLX	SUPERLUBE 320 CLX
SUPERLUBE 220 CLX	SUPERLUBE 320 CLX PREMIUM

NANO TECHNOLOGY BASED GEAR OILS

For extended gear oil life, reduction in temperature & reduction in power usage

MINERAL	SYNTHETIC
SUPERLUBE 220 NM	SUPERLUBE 220 NX
SUPERLUBE 320 NM	SUPERLUBE 320 NX
SUPERLUBE 460 NM	SUPERLUBE 460 NX



FG Name	NLGI Grade	Base Oil Type	Viscosity at 40	Viscosity at 100	Weld Load in Kgs	Working Temperature Range	Drop Point	Flash Point
AZURE 00 ULTRA PLUS	00	Mineral	220	Varies as per application	500	-20 to 180°C	200	NA
AZURE 2 GRANDURE	2	Synthetic Esters	460	Varies as per application	650	-45 to 280°C (Short Term)	NIL	NA
AZURE 3 HISIL	3	Synthetic Silicon	500	Varies as per application	250	- 45 to 350°C	NIL	NA

Solid Lubricants %	Highlight	Features	Applications	Storage Precautions
2%	Multi-metal Complex High Load Fluid Grease	High load carrying, Easily pumpable, Extended Re-greasing Intervals	Specially designed for Centralized lubrication systems in Forging, Textiles, Injection Moulding, Foundry, Ceramic Polishing Heads etc.	Please store away from sunlight under 40 degree celcius
7%	High Temp & High Load Grease	Synthetic Ester based, very high load carrying, very high temperature resistant, working temperature up to 400 degree celcius	Best suitable for ID, FD & Blower Fans, Furnace Bearings in Steel, Extreme Duty Trubine Bearings & all high temprature & high load applications.	Please store away from sunlight under 40 degree celcius
NA	Special Silicon Grease	For moderate temperatures, Non melting, Chemical resistant grease	For moderate temperature Applications in chemical process industries & other industries	Please store away from sunlight under 40 degree celcius

FG Name	NLGI Grade	Base Oil Type	Viscosity at 40	Viscosity at 100	Weld Load in Kgs	Working Temperature Range	Drop Point	Flash Point
AZURE 2 HISIL	2	Synthetic Silicon	5000	Varies as per application	315	- 45 to 300°C	NIL	NA
AZURE 2 HSG	2	Synthetic PAO	22	4.8	315	-30 to 180°C	>280	NA
AZURE 2 PSHS	2	Synthetic PAO	32	6 to 7	315	-50 to 150°C	>220	NA
AZURE 2 SSHS	2	Semi Synthetic	32	6 to 7	250	- 50 to 170°C	>240	NA
AZURE 2 MINPU	2	Mineral	460	Varies as per application	550	-20 to 195°C	>260	NA
AZURE 2 SYNPU	2	Synthetic	460	Varies as per application	570	-20 to 195°C	>260	NA
AZURE 2 ULTRA PB	2	Mineral	220	Varies as per application	500	-20 to 180°C	210	NA
AZURE 2 ULTRA RM	2	Mineral	220	Varies as per application	450	-20 to 170°C	180	NA
AZURE 2 ULTRA TEX	2	Mineral	220	Varies as per application	500	-20 to 180°C	190	NA
AZURE 2 VALVESEAL	2	Synthetic Silicon	50000	Varies as per application	570	-35 to 250°C	NIL	NA
AZURE 2 PREMIER	2	Synthetic PAO	220	Varies as per application	500	- 45 to 250°C (Short Term)	>280	NA

Solid Lubricants %	Highlight	Features	Applications	Storage Precautions
NA	Special high load Silicon Grease	High temperature resistant, water resistant, non melting, high weld load capacity	For high temp & Water repellent applications in chemical process industries & other industries	Please store away from sunlight under 40 degree celcius
5%	High speed high load high temperature bearing grease	High load capacity, high Temperature capacity, Dn factor 10,00,000, high mechanical stability & oxidation resistant.	Very high-speed bearing grease subject to high load, high emperature both.	Please store away from sunlight under 40 degree celcius
5%	High Speed moderate load Bearing Grease	Moderate load capacity, high temperature capacity, Dn factor 10,00,000, high mechanical stability & oxidation resistant.	High speed bearing grease subject to moderate loads & high temperatures	Please store away from sunlight under 40 degree celcius
5%	High load high speed Moderate temperature Bearing grease	Fully synthetic, high load, Dn factor 10,00,000, high Mechanical stability, oxidation resistant, medium Temperature range	High speed bearing grease Subject to High load & moderate Temperatures	Please store away from sunlight under 40 degree celcius
NA	Special mineral Polyurea grease	Very long term lubrications, high load capacity, excellent water repellency, mechanically stable grease	For long term lubrication in heavy duty motor bearings.	Please store away from sunlight under 40 degree celcius
NA	Special fully synthetic polyurea grease	Very long term lubrications, high load capacity, excellent water repellency, mechanically stable grease, low oxidation leading to life time lubrications.	For life time lubrication in heavy duty motor bearings.	Please store away from sunlight under 40 degree celcius
2%	Multicomplex metal soap heavy duty grease	High weld load capacity, lowest coefficient of friction, high mechanical stability	Specially designed for Pin n Bush in construction equipment, Jaw/Cone/Impactor/Vibrofeeder Crusher Bearings	Please store away from sunlight under 40 degree celcius
2%	Multi complex metal soap heavy duty grease	High weld load capacity, lowest coefficient of friction, high mechanical stability	Specially designed for roller bearing in work rolls, back rolls, roughing & cooling beds in steel rolling mills in HRM industry & chocke greasing in cold roll mills	Please store away from sunlight under 40 degree celcius
2%	Multi complex metal soap heavy duty water resistant grease	High weld load capacity, lowest coefficient of friction, high mechanical stability	Specially designed for roller bearing in textile dying rollers & grease for water vapour resistance.	Please store away from sunlight under 40 degree celcius
NA	High tolerance silicon grease	Excellent resistance to hazardous chemicals, H2S gas, nitrogen gas, compatible with oxygen, temp. range -40 to 350 degree celcius, very high mechanical stability, base oil viscosity 50,000 cst	Carefully formulated silicon grease for oil exploration, chemical process handling, acid resistant requirements, etc	Please store away from sunlight under 40 degree celcius
1.5%	Fully synthetic non conductive PTFE grease	High grade syntheic esters, high doses of PTFE for long term high load lubrications, high temperature resistance with extended re-greasing intervals	Best suitable for electrical applications' lubrications	Please store away from sunlight under 40 degree celcius

FG Name	NLGI Grade	Base Oil Type	Viscosity at 40	Viscosity at 100	Weld Load in Kgs	Working Temperature Range	Drop Point	Flash Point
AZURE 2 PREMIER PLUS	2	Synthetic PAO	220	Varies as per application	650	- 45 to 290°C (Short Term)	>300	NA
AZURE 250 SYNTH TEF	2	Flurosilicon	1000	Varies as per application	450	- 45 to 250°C	>280	NA
AZURE 300 SYNTH TEF	2	PFPE	500	Varies as per application	450	- 45 to 300°C	>350	NA
AZURE 2 HITEMP	2	Vegetable Esters	220	Varies as per application	500	-20 to 280°C	NIL	NA

Solid Lubricants %	Highlight	Features	Applications	Storage Precautions
5%	Sully synthetic, non conductive, medium load high temperature grease	High grade syntheic esters, high doses of PTFE for long term high load lubrications, high temperature resistance with extended re-greasing intervals, highest mechanical stability	Best suitable for electrical applications' lubrications	Please store away from sunlight under 40 degree celcius
5%	Extremely high load, high temperature grease	Very high temperature range, very low oxidation, lowest coefficient of friction, paint compatible, non dripping, low volatile grease	Specially formulated & best suited for baking oven conveyors, stenter greasing in textiles, & segmented moulds in tyre industry.	Please store away from sunlight under 40 degree celcius
10%	Extremely high load, high temperature grease for very long term greasing	Extremely high temperature grease, no staining, paint compatible, extremely high mechanical stability, working temperature up to 380 degree celcius, lowest coefficeint of friction	Baking oven conveyors, stenter greasing in textiles, & segmented moulds in tyre industry.	Please store away from sunlight under 40 degree celcius
2%	Non melting high temperature grease	Vegetable oil based, low volatile, non melting, working temperature up to 280 degree celcius	Specially formulated non melting grease, designed for heavy duty roller bearings in steel industry	Please store away from sunlight under 40 degree celcius

AZURE 1 Chuck Paste



FG Name	NLGI Grade	Base Oil Type	Viscosity at 40	Viscosity at 100	Weld Load in Kgs	Working Temperature Range	Drop Point	Flash Point
AZURE 1 CHUCK PASTE	1	Synthetic	1000	Varies as per application	500	Upto 200°C	NIL	NA

Solid Lubricants %	Highlight	Features	Applications	Storage Precautions
5%	CNC Chuck Lubrication	High load carrying, water repellent, highly tenacious	CNC Chuck Lubrication	Please store away from sunlight under 40 degree celcius

AZURE 1 OG



FG Name	NLGI Grade	Base Oil Type	Viscosity at 40	Viscosity at 100	Weld Load in Kgs	Working Temperature Range	Drop Point	Flash Point
AZURE 1 OG	0/1	Mineral	2000	Varies as per application	800	-150 to 300°C	NIL	NA

Solid Lubricants %	Highlight	Features	Applications	Storage Precautions
10%	Semi fluid self repairing open gear grease	Extremely high load carrying, self repairing boundry lubrication, extended re-greasing intervals,	Open gear lurication in steel, ports, cement, ball mills, gear couplings etc.	Please store away from sunlight under 40 degree celcius

AZURE 1 WRB



FG Name	NLGI Grade	Base Oil Type	Viscosity at 40	Viscosity at 100	Weld Load in Kgs	Working Temperature Range	Drop Point	Flash Point
AZURE 1 WRB	1	Mineral	460	Varies as per application	600	-15 to 300°C	NIL	NA

Solid Lubricants %	Highlight	Features	Applications	Storage Precautions
7%	Semi fluid high penetrant wire rope grease	Highly tenacious, non dripping, extreme shock & weld load grease, highest lubricity, dust & dirt proof	Wire ropes of QC & gantry cranes in ports, EOT cranes,	Please store away from sunlight under 40 degree celcius



FG Name	NLGI Grade	Base Oil Type	Viscosity at 40	Viscosity at 100	Weld Load in Kgs	Working Temperature Range	Drop Point	Flash Point
SUPERLUBE 100 CLX PREMIUM	-	Synthetic Esters	100	20 to 25	500	-25 to 220°C	NA	>280
SUPERLUBE 220 CLX PREMIUM	-	Synthetic Esters	220	30 to 35	500	-25 to 250°C	NA	>280
SUPERLUBE 320 CLX PREMIUM	-	Synthetic Esters	320	40 to 45	525	-25 to 280°C	NA	>300
SUPERLUBE 320 CLX EXTREME	-	Synthetic Esters	320	40 to 45	650	-20 to 290°C	NA	>325
SUPERLUBE GRANDEUR 320 CLX	-	Vegetable Etsers	320	40 to 45	550	-30 to 325°C	NA	>380
SUPERLUBE PRIMACOAT 220 LX	-	Water	220	NA	NA	NA	NIL	NA
SUPERLUBE 100 CLX	-	Synthetic	100	14 to 16	400	-15 to 180°C	NA	>250
SUPERLUBE 220 CLX	-	Synthetic	220	24 to 28	400	-15 to 200°C	NA	>250
SUPERLUBE 320 CLX	-	Synthetic	320	34 to 40	425	-15 to 240°C	NA	>275

Solid Lubricants %	Highlight	Features	Applications	Storage Precautions
0.75%	High temperature high load chain oil	Low oxidation, high mechanical stability, working temperature up to 200 degree celcius	For overhead conveyor lubrication in auto industry & other chain lubrications in steel, textiles, etc.	Please store away from sunlight under 40 degree celcius
0.75%	High temperature high load chain oil	Low oxidation, high mechanical stability, working temperature up to 250 degree celcius	For overhead conveyor lubrication in auto industry & other chain lubrications in steel, textiles, etc.	Please store away from sunlight under 40 degree celcius
0.75%	High temperature high load chain oil	Low oxidation, high mechanical stability, working temperature up to 300 degree celcius	For overhead conveyor lubrication in auto industry & other chain lubrications in steel, textiles, etc.	Please store away from sunlight under 40 degree celcius
0.75%	High temperature high load long life vegetable oil based chain oil	Highly stable vegetable oil ester based, working temperature up to 350 degree celcius	For overhead conveyor lubrication in auto industry & other chain lubrications in steel, textiles, mainly in powder coating conveyor lubrication	Please store away from sunlight under 40 degree celcius
1%	Fully synthetic ester based extreme duty chain oil for very high temperatures, very high loads	Extreme mechanical stability, very low oxidation & evaporation, lowest coefficient of friction giving very high lubricity	Specially suitable for stenter in textiles, film stretching machines, chain lubrications etc.	Please store away from sunlight under 40 degree celcius
NA	Heavy duty non staining mould release agent	Heavy duty dry film lubrication, non staining, non residual operations, extneded re-lubrication intervals	Specilly formulated for applications in glass moulding industry.	Please store away from sunlight under 40 degree celcius
NA	Chain oil for conveyor lubrications	Synthetic chain oil for moderate temperatures & low loads, mechanically stable	Overhead conveyor lubrications in auto assembly sections & textiles	Please store away from sunlight under 40 degree celcius
NA	Chain oil for conveyor lubrications	Synthetic chain oil for high temperatures & low loads, mechanically stable	Overhead conveyor lubrications in auto assembly sections & textiles	Please store away from sunlight under 40 degree celcius
NA	Chain oil for conveyor lubrications	Synthetic chain oil for high temperatures & high loads, mechanically stable	Overhead conveyor lubrications in auto assembly sections & textiles	Please store away from sunlight under 40 degree celcius



FG Name	NLGI Grade	Base Oil Type	Viscosity at 40	Viscosity at 100	Weld Load in Kgs	Working Temperature Range	Drop Point	Flash Point
SUPERLUBE 220 NX	-	Fully Synthetic	220	Varies as per application	500	-15 to 200°C	NA	260
SUPERLUBE 320 NX	-	Fully Synthetic	320	Varies as per application	500	-15 to 200°C	NA	260
SUPERLUBE 460 NX	-	Fully Synthetic	460	Varies as per application	550	-15 to 200°C	NA	260
SUPERLUBE 220 NM	-	High Grade Mineral	220	Varies as per application	350	-15 to 120°C	NA	25
SUPERLUBE 320 NM	-	High Grade Mineral	320	Varies as per application	350	-15 to 140°C	NA	215
SUPERLUBE 460 NM	-	High Grade Mineral	460	Varies as per application	350	-15 to 140°C	NA	215

Solid Lubricants %	Highlight	Features	Applications	Storage Precautions
1%	Fully synthetic highly stable gear oil	Nano-technology that extends the top up intervals, low evaporation, reduction in operating temperatures, power consumptions if implied properly	For heavy duty gear boxes in all industries	Please store away from sunlight under 40 degree celcius
1%	Fully synthetic highly stable gear oil	Nano-technology that extends the top up intervals, low evaporation, reduction in operating temperatures, power consumptions if implied properly	For heavy duty gear boxes in all industries	Please store away from sunlight under 40 degree celcius
1%	Fully synthetic highly stable gear oil	Nano-technology that extends the top up intervals, low evaporation, reduction in operating temperatures, power consumptions if implied properly	For heavy duty gear boxes in all industries	Please store away from sunlight under 40 degree celcius
1%	Mineral based highly stable gear oil	Nano-technology that extends the top up intervals, low evaporation, reduction in operating temperatures, power consumptions if implied properly	For heavy duty gear boxes in all industries	Please store away from sunlight under 40 degree celcius
1%	Mineral based highly stable gear oil	Nano-technology that extends the top up intervals, low evaporation, reduction in operating temperatures, power consumptions if implied properly	For heavy duty gear boxes in all industries	Please store away from sunlight under 40 degree celcius
1%	Mineral based highly stable gear oil	Nano-technology that extends the top up intervals, low evaporation, reduction in operating temperatures, power consumptions if implied properly	For heavy duty gear boxes in all industries	Please store away from sunlight under 40 degree celcius



PTCPL GROUP COMPANY

MANUFACTURING A RANGE OF
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SUPER LUBRICANTS



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