

# Ceramic &Tile Lubricants Lubchemicals

Specialized Lubricants for Future Technology

**Professional Lubrication** 

### Contents

LubC, Hydraulic M	3
LubC, Hydraulic MZ	4
LubC, Hydraulic T	5
LubC, Hydraulic TZ	6
LubC, Hydraulic T Plus	7
LubC, Hydraulic TZ Plus	8
LubC, Comp R	9
LubC, Comp R Plus	10
LubC, Comp Super R Plus	11
LubC, Comp R S	12
LubC, Gear HP	13
LubC, Gear HP Plus	14
LubC, Gear PA	15
LubC, Gear PG	16
LubC, Vacuum Pump	17
LubC, Diesel HD	18
LubC, Diesel SD	19
LubC, HTF Plus	20
LubC, Spin	21
LubC. ATF	22

LubC, <mark>Gear TF</mark>	23
LubC, UTTO	24
LubC, <mark>Chain ST</mark>	25
LubC, Grease L	26
LubC, Grease L EP	27
LubC, Grease LC	28
LubC, Grease LC HD	29
LubC, Grease LPlex	30
LubC, Grease LPlex Plus	31
LubC, Grease LPlex EP	32
LubC, Grease LPlex HD	33
LubC, <mark>Paste Cu</mark>	34
LubC, Grease C	35
LubC, Grease CSPlex	36
LubC, Grease PU	37
LubC, Grease PU Plus	38
Equivalent Table	39
-	

































































Mining industry

T

Natural Gas

Industrial

Agricaltural

Bearing

#### **About Us**

LUBCHEMICALS :THE NUMBER ONE LUBRICANT & CHEMICAL SPECIALIST...

Just meaningless words? Absolutely not! For over 30 years, we have been focusing exclusively on developing and manufacturing of premium chemicals and lubricants. Whatever the application for which you require a product, we will have it. Apart from products for road traffic, agriculture and industry, we offer other various specialties too, such as ceramic & tile lubricants which is explained in this catalogue.

Which product are you looking for?

As an independent manufacturer we can quickly respond to market developments. We keep a close eye on technical trends. In addition, we develop custom-made solutions for many specific requirements our customers have.

International appeal with a 'German heart'.

Not only Made in Germany, but also compliant with internationally applicable specifications and exported worldwide. Our production are ISO certified to reassure you of our commitment to the highest quality standards.

More than just chemicals & lubricants!

A technical product requires knowledge - knowledge that we are eager to share with you. This is the right place for the best product advice; In addition.







### LubC, Hydraulic M

LubC, Hydraulic M is a premium quality multi – purpose lubricating oil, based on group II base stock, designed for use in hydraulic systems of press machinery in tile industry, circulating systems, Transportation machinery (such as forklifts, loaders, trucks) and where R&O type of oils are required. Also blended from high – quality base stocks and stabilized zink additive system, supporting the performance requirments of DIN 51524 partl (HM).

#### Viscosity Index (approx.)

105

#### ullet Base Oil Vis. @ 40 $^\circ{\!}$

#### • Pour Point / Flash Point $^{\circ}$ C

#### ISO VG

15/22/32/46/68/100

























# LubC, Hydraulic MZ

LubC, Hydraulic MZ is an ash less (Zinc-free) high – performance hydraulic fluid, based on group II base stock, designed for use in hydraulic systems containing silver or silver – plated parts, operating under medium pressure and requiring medium degree of load-carrying capability and also suitable for hydraulic systems of press machinery of tile industry, circulation system and Transportation machinery (such as forklifts, loaders, trucks) subjected to outdoor operating conditions.

#### Viscosity Index (approx.)

105

#### Base Oil Vis. @ 40 ℃

15 : 15 22 :22.6 32 :33.6 46 :46.3 68 : 68.4 100 : 100.5

#### Pour Point / Flash Point ℃

#### ISO VG

15 / 22 / 32 / 46 / 68 / 100













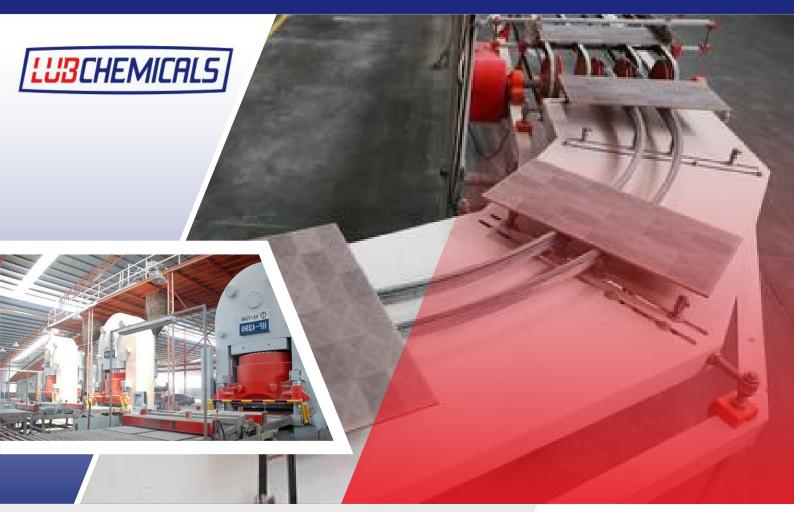












# LubC, Hydraulic T

LubC, Hydraulic T is a High performance, anti - wear hydraulic fluid based on group II base stock, It is designed for use in hydraulic systems operating under high pressures and requiring high degree of load – carrying capability. Also suitable for hydraulic systems of press machinery of tile industry, circulation system and Transportation machinery (such as forklifts, loaders, trucks) subjected to most severe outdoor operating conditions.

#### Viscosity Index (approx.)

142

#### ullet Base Oil Vis. @ 40 $^\circ$ C

 15:15.5
 22:22
 32:33.1

 46:45
 68:68
 100:100

#### • Pour Point / Flash Point $^{\circ}$ C

15: -39 / 200 22: -39 / 210 32: -33 / 215 46: -33 / 220 68: -30 / 227 100: -30 / 235

#### ISO VG

15 /22 / 32 / 46 / 68 / 100



























# LubC, Hydraulic TZ

LubC, Hydraulic TZ is an ash less (Zinc-free) high – performance hydraulic fluid based on group II base stock, It is designed for use in hydraulic systems containing silver or silver – plated parts, operating under high pressure and requiring high degree of load-carrying capability and also suitable for hydraulic systems of press machinery of tile industry, circulation system and Transportation machinery (such as forklifts, loaders, trucks) subjected to most severe outdoor operating conditions.

#### Viscosity Index (approx.)

143

#### Base Oil Vis. @ 40 $^\circ \! \mathbb C$

#### ■ Pour Point / Flash Point °C

#### ISO VG

15 /22 / 32 / 46 / 68 / 100



























# LubC, Hydraulic T Plus

LubC, Hydraulic TPlus is a High performance, anti - wear hydraulic fluid based on group II&III base stocks, It is designed for use in hydraulic systems operating under high pressures and requiring high degree of load – carrying capability as well as suitable for hydraulic systems of press machinery of tile industry, circulation system and Transportation machinery (such as forklifts, loaders, trucks) subjected to most severe outdoor operating conditions.

#### Viscosity Index (approx.)

160

#### ullet Base Oil Vis. @ 40 $^{\circ}{ m C}$

 15:15.8
 22:22
 32:33.6

 46:44
 68:68
 100:100

#### • Pour Point / Flash Point $^{\circ}$ C

#### ISO VG

15 /22 / 32 / 46 / 68 / 100

































### LubC, Hydraulic TZ Plus

LubC, Hydraulic TZPlus is an ash less (Zinc-free) high – performance hydraulic fluid based on group II&III base stocks, It is designed for use in hydraulic systems containing silver or silver – plated parts, operating under high pressure and requiring high degree of load-carrying capability and also suitable for suitable for hydraulic systems of press machinery of tile industry, circulation system and Transportation machinery (such as forklifts, loaders, trucks) subjected to most severe outdoor operating conditions.

#### Viscosity Index (approx.)

160

#### ullet Base Oil Vis. @ 40 $^{\circ}$ C

 15:15.1
 22:22.4
 32:33.6

 46:46.3
 68:68.6
 100:100

#### ■ Pour Point / Flash Point °C

15:-42/164 22:-42/206 32:-42/208 46:-42/220 68:-42/224 100:-39/237

#### ISO VG

15 / 22 / 32 / 46 / 68 / 100





























# LubC, Comp R

LubC, Comp R is based on high grade specially selected solvent refined base oils, This compressor oil is a dispersant type oil intended primarily for oil-flooded rotary sliding-vane and screw-type compressors with relative high operating temperatures. it is very effective in preventing from foam and suitable for rotary vane screw compressors (Max-change over time up to 4000 hr.)

#### Viscosity Index

32:105 46:105 68:104

#### ullet Base Oil Vis. @ 40 $^\circ{\!}{\!}$

32:32 46:43.44 68:68.6

#### 

32: -30 , 210 46: -30 , 216 68: -30 , 220

#### ISO VG

















### LubC, Comp R Plus

LubC, Comp R Plus is formulated using hydro cracked / iso dewaxed hydrocarbon base fluids. Designed specifically for use in oil flood lubricated positive displacement rotary compressor. It will extend drain intervals up to 2 times longer than conventional mineral oils. (Max-change over time up to 6000 hr.)

#### Viscosity Index

32:116 46:120 68:124

#### ullet Base Oil Vis. @ 40 $^\circ\!{\mathbb C}$

32:32.2 46:46.6 68:68.5

#### • Pour Point / Flash Point $^{\circ}\mathbb{C}$

32: -39 , 236 46: -36 , 240 68: -36 , 244

#### ISO VG































# LubC, Comp Super R Plus

LubC, Comp R Plus is a heavy duty, based on synthetic PAO & group III base stock compressor oil, containing special oxidation and rust inhibitors. It is designed specifically for use in oil flood lubricated positive displacement rotary compressor. It will extend drain intervals up to 2.5 times longer than conventional mineral oils. (Max-change over time up to 8000 hr.)

#### Viscosity Index

32:126 46:130 68:134

#### ullet Base Oil Vis. @ 40 $^\circ{\!}{\!}$

32:32.2 46:46.6 68:68.5

#### Pour Point / Flash Point °C

32: -39 , 236

46: -36 , 240

68: -36 , 244

#### ISO VG

























### LubC, Comp R S

LubC, Comp RS is formulated from synthetic base fluid utilizing synthetic hydrocarbon (PAO) with specially developed additive systems. Designed specifically for use in oil flood lubricated positive displacement rotary compressor. It will extend drain intervals up to 3 times longer than conventional mineral oils. (Max-change over time up to 12000 hr.)

#### Viscosity Index

32:140 46:140 68:135

#### ullet Base Oil Vis. @ 40 $^\circ{\!\mathbb C}$

32:32.2 46:46.4 68:68.2

#### 

32: -45 , 236 46: -42 , 246 68: -42 , 249

#### ISO VG





























# LubC, Gear HP

LubC, Gear HP is an advanced industrial gear oil, designed primarily for the lubrication of heavy duty industrial gears. It is high load carrying capacity and anti- friction characteristic combine to offer superior performance in gears of ball mill machinery in tile industry as well as suitable for lubrication of bearings of circulating and splash systems.



95 FZG Test: 12

Timken O.K Load (lbs)

27

ISO VG

68 / 100 / 150 / 220 / 320 / 460 / 680 / 1000



















# LubC, Gear HP Plus

LubC, Gear HP Plus is an advanced industrial gear oil, designed primarily for the lubrication of heavy duty industrial gears. It is high load carrying capacity and anti- friction characteristic combine to offer superior performance particularly suitable for gear sets working under heavy to shock loads and in non-gear applications include highly loaded and slow speed plain and rolling contact bearings.

#### Viscosity Index (approx.)

106

#### FZG Test

> 12

#### Timken O.K Load (lbs)

27

#### ISO VG

220 / 320 / 460



















### LubC, Gear PA

LubC, Gear PA is a Poly Alpha Olefin based advanced synthetic heavy duty industrial gear oil as well as particularly suited for gear applications exposed to extreme service conditions, all type of enclosed gear, drives, bearings, including plain rolling elements and anti friction types, applications requiring High micro-pitting resistance.



> 12

Timken O.K Load (lbs )

> 67

ISO VG

32 / 46 / 68 / 100 / 150 / 220 / 320 / 460 / 680 / 1000























# LubC, Gear PG

LubC, Gear PG is a Poly Alkaline Glycol based on advanced synthetic heavy-duty industrial gear oil as well as particularly suited for gear applications exposed to extreme service conditions, all type of enclosed gear, drives, bearings, including plain rolling elements and anti-friction types, applications requiring High micro-pitting resistance.



> 12

Timken O.K Load (lbs)

> 70

ISO VG

100 /150 / 220 / 320 / 460 / 680





















LubC, Vacuum Pump

LubC, Vacuum Pump is a premium performance, mineral based vacuum pump oil containing a special oxidation inhibitor and a rust inhibitor. It is designed specifically for use in deep vacuum pumps. Through its use of vacuum-compatible additives, protects your pump and extends its life expectancy.

Base	Oil Vis.	<b>@ 40</b> ℃
	<u> </u>	

32:32 46:46 68:67 100:100

#### ullet Pour Point $\slash$ Flash Point $^\circ{\!\mathbb C}$

32: -36 / 225 68: -30 / 265 46: -36 / 245 100: -30 / 265

#### Viscosity Index

32:115 46:115 68:115 100:115

#### ISO VG

32 / 46 / 68 / 100















# LubC, Diesel HD

LubC, Diesel HD is a semi-synthetic, extra high-performance and long-life heavy duty diesel engine oil (HDEO), specifically developed for use in modern, low emission diesel engines such as forklifts, loaders, trucks, including those fitted with Exhaust Gas Re-circulation (EGR) systems, which their construction model is after 2004. It is blended from selected base stocks and new generation of high – performance additives.

#### Viscosity Index

#### ullet Base Oil Vis. @ 40 $^{\circ}{ m C}$

10W30 : 80 10W40 : 102 15W40 : 110 20W50 : 170

#### Pour Point $^{\circ}\mathbb{C}$

























### LubC, Diesel SD

LubC, Diesel SD is a semi-synthetic, extra high-performance and long-life severe duty diesel engine oil (HDEO), specifically developed for use in modern, low emission diesel engines such as forklifts, loaders, trucks, including those fitted with Exhaust Gas Re-circulation (EGR) systems which their construction model is after 2004. It is blended from selected base stocks and new generation of high – performance additives.

#### Viscosity Index

15W40:129

 $\blacksquare$  Base Oil Vis. @ 40  $^\circ\!\mathbb{C}$ 

15W40:126

■ Pour Point °C

15W40: -33

























LubC, HTF Plus is a semi-synthetic premium quality heat transfer fluid used in and for cooling of chain of press machinery and furnaces in tile industry in direct  $180\,^{\circ}\mathrm{C}$ , and indirectly heated closed transfer systems where maximum bulk oil temperature is  $350\,^{\circ}\mathrm{C}$ . This product formulated from carefully selected highly refined mineral oils fortified with high temperature oxidation inhibitors. LubC, HTF Plus benefits from excellent thermal cracking

#### Viscosity Index

32: 137 46: 128 68: 121

stability and high specific thermal conductivity.

#### ullet Base Oil Vis. @ 40 $^\circ{\!}$

32:32.8 46:46.6 68:67.5

#### • Pour Point / Flash Point $^{\circ}$

32:-30 / 242 46: -27 / 25 68: -27 / 255

#### 

340 / 350

#### Total Acid Number

0.01 Max

#### ISO VG:

















### LubC, Spin

LubC, Spin is formulated from highly refined mineral oil, anti-wear agents and rust and oxidation inhibitors. It is designed to provide outstanding oxidation and water separation protection for most general industrial bearing and circulating oil system applications as well as other certain industrial applications which don't require oil with extreme pressure properties.

#### Base Oil Vis.@ 40 $^{\circ}$ C

5: 5	10: 9.81	22: 22	32: 31.5
46: 45	68: 68	100: 101	150: 148
220: 218	320: 320	460: 470	680: 675

#### Viscosity Index (Approx)

95

#### Rust Test , Distilled Water

Pass

#### Acid Number

0.0

#### ISO VG

5/10/22/32/46/68/100/150/220/320/460/680























### LubC, ATF

LubC, ATF is a synthetic high performance automatic transmission fluid. Formulated by advanced additives for supporting requirments of general Motors (DEXRON-III H/M) and Ford, along with Allison C4 applications and Caterpillar TO-2. This product is suitable for use in both passenger cars and light trucks as well as guarantees perfect operation of hydraulic press systems such as CT & NACT which are under extreme operating conditions and large temperature fluctuations.

#### Viscosity Index

II:168 III:186

#### ullet Base Oil Vis. @ 40 $^\circ\!{ m C}$

II: 35.5 III: 23.5

#### ■ Pour Point °C

II: -42 III: -48

#### SAE Grade

75 W





















Manufactured under Germany technology license





# LubC, Gear TF

LubC, GearTF is a high-performance gear lubricant, designed to provide excellent lubrication under severe conditions like high speed / shock load, high speed/low torque and low speed / high torque in the wide range of manual auto motives transmissions, axels and final drives. It is recommended for diesel engines such as forklifts, loaders and light or heavy duty trucks.

#### Viscosity Index

75W80:165 75W90:178 80W90:108

85W90:103 85W140:98

#### ullet Base Oil Vis. @ 40 $^{\circ}$ C

75W90:53.6 75W90:85.6 80W90:138

85W90:172 85W140:435

#### ■ Pour Point °C

75W80: -48 75W90: -45 80W90: -39

85W140:-36 85W140:-15



























LubC, UTTO

LubC, UTTO is a premium fluid for lubrication of tractor transmissions and other equipment specially for agricultural use adjusted to different circumstances low speed/high torque. It is designed to be resistance to moisture and corrosion, moreover, the detergent and dispersant additives keep the gearbox, differential and hydraulic system clean and in good condition, while the special extreme pressure additives makes the tractor components highly resistance to break downs.



10W30:145

ullet Base Oil Vis. @ 40  $^\circ{\!}$ 

10W30:66

Pour Point

10W30:-45

■ Flash Point °C

10W30:220

API

GL - 4

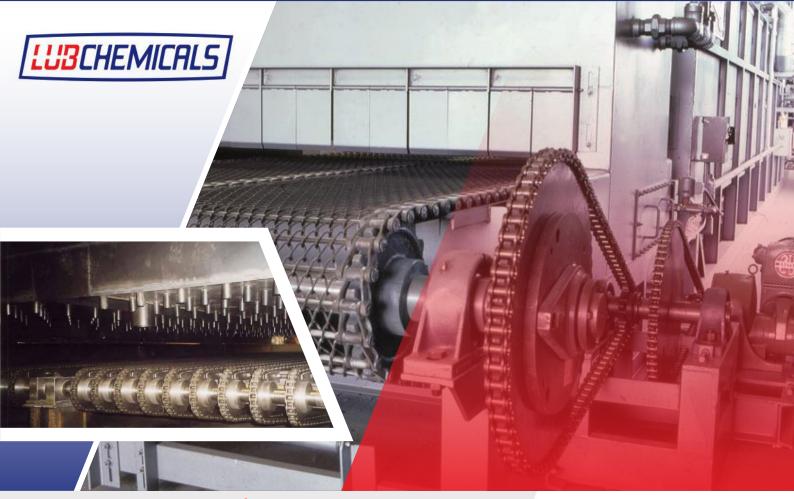












LubC, Chain ST

lubC, Chain ST is a fully synthetic, silicone–free high performance lubricant based on saturated complex esters with high thermal stability and a special additive composition to improve ageing, corrosion and wear protection. Preferably used for the lubrication of thermally highly loaded conveyor, cooling of chain of press machinery and kilns in tile industry till direct 250°C.

Base Oil Vis. @ 40  $^{\circ}$ C

250

- 45 / ≥ 255

Base Oil

Ester

Viscosity Index

121

Service temperature

up to +250°C

ISO VG

250

















### LubC, Grease L

LubC, Grease L is based on premium base oil, using lithium soaps as thickener. The grease contains antioxidants, corrosion inhibitors and AW additives. It is suitable for universal use in tile industry in tempreture range of untill 120°C and transportation vehicles such as forklifts, loaders and trucks, the field of motor vehicles, specially designed for use in roller bearings of electric motors and alternators, also it can be used in temperatures less than -30°C.

#### Thickener

Lithium

#### Base Oil

Mineral

#### ■ Service Temp. °C

 $-30^{\circ}$ C to  $+120^{\circ}$ C (Max  $+130^{\circ}$ C)

#### NLGI Grade

1/2/3

#### 4 Ball Weld Load



















## LubC, Grease LEP

LubC, Grease LEP is based on premium base oil, using lithium soaps as thickener .The grease contains antioxidants, corrosion inhibitors and EP/AW additives. It is suitable for universal use in friction and roller bearings of ball mill machinery at grease lubrication points, gearboxes of polish systems, conveyors and construction machine as well as it can tolerate outstanding work conditions.

#### Thickener

Lithium

#### Base Oil

Mineral

#### ■ Service Temp. °C

 $-20^{\circ}$ C to  $+120^{\circ}$ C (Max  $+130^{\circ}$ C)

#### NLGI Grade

000/00/0/1/2/3

#### 4 Ball Weld Load



















### LubC, Grease LC

LubC, Grease LC is an extremely sophisticated lithium/calcium base which incorporates modern polymer technology. It has a high level of mechanical stability, adherence and exceptional load carrying ability as well as copes with constant high levels of loads and shock loading. It is recommended for crushers, screening machinery where such items as average loads and abrasive wear have been a recognized problem.

#### Thickener

Lithium -Calcium

#### Base Oil

mineral

#### NLGI GRADE

1/2/3

#### ■ Service Temp. °C

 $(-20 \sim 130) (MAX + 140)$ 

#### 4 Ball Weld Load























# LubC, Grease LC HD

LubC, Grease LC HD is an extremely sophisticated lithium/calcium base which incorporates modern polymer technology. It has a high level of mechanical stability, adherence and exceptional load carrying ability as well as copes with constant high levels of loads and shock loading. It is recommended for ball bearings, bearings and conveyors in rotary machinery of tile industry such as kilns and crushers which work in hard condtions.

#### Thickener

Lithium - Calcium

#### Base Oil

Mineral

#### lacktriangle Service Temp. ${}^{\circ}\!\mathbb{C}$

-20°C to +120°C (Max +140°C)

#### NLGI Grade

1/2/3

#### 4 Ball Weld Load























# LubC, Grease LPlex

LubC, Grease Lplex is based on high viscosity index mineral oil which lithium complex soap has thickened grease, containing performance additives and without EP material. It is suitable for use in electric motor bearings, air blowers, fans and as a multipurpose grease for lightly loaded ball bearing applications either operating at high temperature or when extended regreasing interval are required.

#### Thickener

Lithium Complex

#### Base Oil

Mineral

#### NLGI GRADE

1/2/3

#### ■ Service Temp. °C

 $(-30 \sim 160) (MAX + 200)$ 

#### Pour Point

260 <























# LubC, Grease LPlex Plus

LubC, Grease Lplex plus is based on high viscosity index mineral oil which lithium complex soap has thickened grease, containing performance additives without EP. It is suitable for use in electric motor bearings such as those used in air blowers, fans and as a multipurpose grease for lightly loaded ball bearing applications either operating at high temperature or when extended regreasing interval are required.

#### Thickener

Lithium Complex

#### Base Oil

Mineral

#### NLGI GRADE

1/2/3

#### 

(-30 ~160) (MAX +220)

#### Pour Point

260 <



























### LubC, Grease LPlex EP

LubC, Grease LPlex EP is mineral oil based lithium complex soap thickened grease, containing performance additives. It is suitable for use in bearings of ball mills, equipment, conveyors under hard working conditions and high tempreture and speed.

#### Thickener

Lithium Complex

#### Base Oil

Mineral

#### ■ Service Temp. °C

 $-30^{\circ}$ C to  $+140^{\circ}$ C (Max  $+180^{\circ}$ C)

#### NLGI Grade

1/2/3

#### 4 Ball Weld Load

2800 N





















Manufactured under Germany technology license





### LubC, Grease LPlex HD

LubC, Grease LPlex HD is a mineral oil based lithium complex soap thickened grease, containing performance additives. It is suitable for use in wheel and other bearings as well as a multipurpose grease for trucks, buses and construction plant such as bulldozers, scrapers, loading shovels and dump trucks where it will give outstanding performance. It is also recommended for use in industrial equipment where high temperature is a problem.

#### Thickener

Lithium Complex

#### Base Oil

Mineral

#### - Service Temp. $^{\circ}\mathbb{C}$

-30°C to +140°C (Max +200°C)

#### NLGI Grade

2/3

#### 4 Ball Weld Load









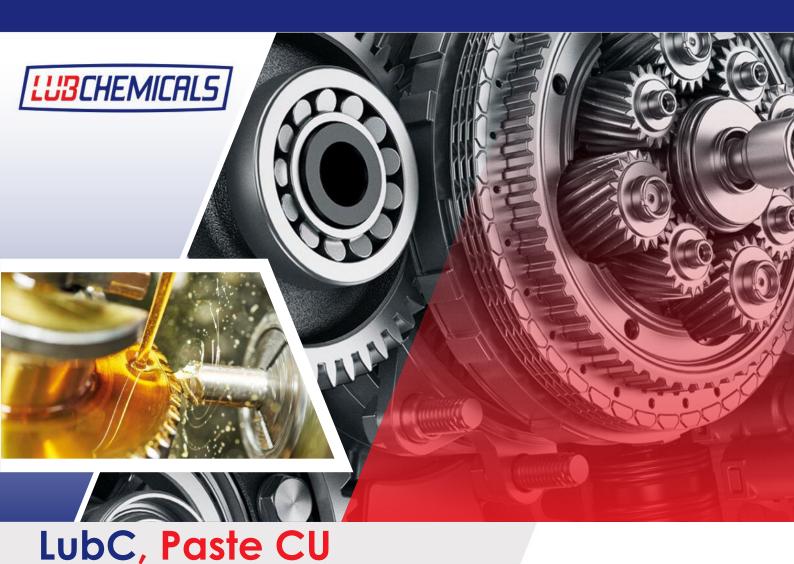












LubC, Paste CU is a premium quality paste based on mineral oil suitable for metal/metal combinations that are subjected to high temperatures and frictional contacts are free from lead or nickel. It is suitable for lubrication points with low speeds, subjected to high temperatures and corrosive effects, also requiring a low and constant coefficient of friction. If possible, clean the thread and used bolts with a wire brush. Spread an adequate amount of the paste on the contact areas in order to obtain a good seal.

#### Thickener

CU +Solids +Metal Powder +Mineral Oil

#### ■ Service Temp. °C

- 20 °C to +1100 °C

#### NLGI Grade

2/3

#### ■ Drop Point °C

Non





















### LubC, Grease C

LubC, Grease C is a premium quality, water resistant calcium grease for use in industrial applications where the presence of water and humid atmospheres can effect lubricating performance and be detrimental to the protection of parts from corrosion. It is recommended for use in waterpumps, transportation vehicle such as forklifts, loaders and trucks.



Calcium

#### Base Oil

Mineral

#### ■ Service Temp. °C

-20°C to +70°C (Max 80°C)

#### NLGI Grade

1/2/3

#### 4 Ball Weld Load













# LubC, Grease CSPlex

LubC, Grease CSPlex is a calcium sulfonate complex thickened lubricating grease based on mineral oil. The grease contains antioxidants and corrosion inhibitors. It is recommended for use in industrial equipment operating at high temperatures or exposed to salt water which makes it a high performance premium grease.

#### Thickener

Calcium Sulfonate Complex

#### Base Oil

Mineral

#### ■ Service Temp. °C

 $-20^{\circ}$ C to  $+160^{\circ}$ C (Max  $+200^{\circ}$ C)

#### NLGI Grade

1/1.5/2

#### 4 Ball Weld Load













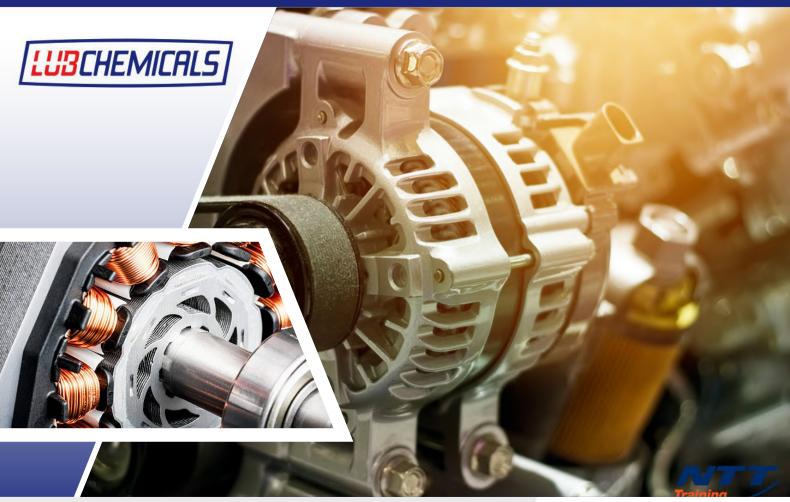












# LubC, Grease PU

LubC, Grease PU Plus is a thickened by polyurea base thickener. It is made from deeply refined mineral oil with anti-corrosion protection and anti-wear additives which gives good pumpability properties for use in the rollbearings of kiln fans, electrofans, electrical motors, electropumps and capacitors which worl in hard conditions such as dust and humid.

#### Thickener

Poly urea

#### Base Oil

Mineral

#### Base Oil VG

100

### ■ Service Temp. °C -20°C to +200°C

#### NLGI Grade

1/1.5/2/3

#### 4 Ball Weld Load



























# LubC, Grease PU Plus

LubC, Grease PU Plus is a thickened by polyurea base thickener. It is made from deeply refined mineral oil with anti-corrosion protection and anti-wear additives which gives good pumpability properties for use in the rollbearings of kiln fans, electrofans, electrical motors, electropumps and capacitors which worl in hard conditions such as dust and humid.

#### Thickener

Poly urea

#### Base Oil

Mineral

#### Base Oil VG

100

### ■ Service Temp. °C -20°C to +200°C

#### NLGI Grade

1/1.5/2/3

#### 4 Ball Weld Load

2550 N





















under Germany technology license



LubChemicals	Equivalent	معادل ایرانی
LubC, Hydraulic M 32	Shell Tellus S2 MX 32	بهران هیدرولیک H32
LubC, Hydraulic M 46	Shell Tellus S2 MX 46	بهران هیدرولیک H46
LubC, Hydraulic M 68	Shell Tellus S2 MX 68	بهران هیدرولیک H68
LubC, Hydraulic MZ 32	Shell Tellus S3 M 32	بهران هیدرولیک HP32
LubC, Hydraulic MZ 46	Shell Tellus S3 M 46	بهران هیدرولیک HP46
LubC, Hydraulic MZ 68	Shell Tellus S3 M 68	بهران هیدرولیک HP68
LubC, Hydraulic T 32	Shell Tellus S2 VX 32	بهران هیدرولیک T32
LubC, Hydraulic T 46	Shell Tellus S2 VX 46	بهران هیدرولیک T46
LubC, Hydraulic T 68	Shell Tellus S2 VX 68	بهران هیدرولیک T68
LubC, Hydraulic TZ 32	Shell Tellus S3 VX 32	-
LubC, Hydraulic TZ 46	Shell Tellus S3 VX 46	-
LubC,Hydraulic TZ 68	Shell Tellus S3 VX 68	-
LubC, Hydraulic TPlus 32	Fuchs Renolin B 32 HVI	بهران هیدرولیک TX 32
LubC, Hydraulic TPlus 46	Fuchs Renolin B 46 HVI	بهران هیدرولیک TX 46
LubC, Hydraulic TPlus 68	Fuchs Renolin B 68 HVI	بهران هیدرولیک TX 68
LubC, Hydraulic TZPlus 46	Fuchs Renolin ZAF 46 MC	بهران هیدرولیک TX 46
LubC, Comp R 46	Shell Corena S2 R 46	بهران كمپرسور VDL 46
LubC, Comp R 68	Shell Corena S2 R 68	بهران كمپرسور VDL 68
LubC, Comp R Plus 46	Shell Corena S3 R 46	بهران كمپرسور VDL 46
LubC, Comp R Plus 68	Shell Corena S3 R 68	بهران كمپرسور VDL 68
LubC,CompSuperRPlus 46	Shell Corena S4 R 46	بهران کمپرسور PS 46
LubC,CompSuperRPlus 68	Shell Corena S4 R 68	بهران کمپرسور PS 68
LubC, Comp R S 46	Shell Corena S4 R 46	بهران کمپرسور PS 46
LubC, Comp R S 68	Shell Corena S4 R 68	بهران کمپرسور PS 68
LubC, Diesel HD 15W40	Shell Rimula R6 LM 15W40	بهران اکسترا توربو دیزل 15W40
LubC, Diesel HD 20W40	Shell Rimula R1 Multi 20W40	بهران توربو دیزل 20W50
LubC, Diesel HD 20W50	Shell Rimula R4X 20W50	بهران توربو ديزل 20W50
LubC, Diesel SD 20W40	Shell Rimula R4X 15W40	بهران سوپر توربو دیزل 15W40

LubChemicals	Equivalent	معادل ایرانی
LubC,Gear HP 150	Shell Omala S2 GX 150	بهران بردبار 150
LubC,Gear HP 220	Shell Omala S2 GX 220	بهران بردبار 220
LubC,Gear HP 320	Shell Omala S2 GX 320	بهران بردبار 320
LubC,Gear HP 460	Shell Omala S2 GX 460	بهران بردبار 460
LubC,Gear HP Plus 150	Shell Omala F 150	بهران بردبار F150
LubC,Gear HP Plus 220	Shell Omala F 220	بهران بردبار F220
LubC,Gear HP Plus 320	Shell Omala F 320	بهران بردبار F320
LubC,Gear PG 100	Shell Omala S4 WE 100	بهران بردبار PG 100
LubC,Gear PG 150	Shell Omala S4 WE 150	بهران بردبار PG 150
LubC,Gear PG 220	Shell Omala S4 WE 220	بهران بردبار PG 220
LubC,Gear PG 320	Shell Omala S4 WE 320	بهران بردبار PG 320
LubC,Gear PA 100	Mobil SHC 627	-
LubC,Gear PA 150	Mobil SHC 629	بهران بردبار PS 150
LubC,Gear PA 220	Mobil SHC 630	بهران بردبار PS 220
LubC,Gear PA 320	Mobil SHC 632	بهران بردبار PS 320
LubC, ATF 2	Shell Spirax S2 ATF DII	بهران اتوماتیک اا
LubC, ATF 3	Shell Spirax S3 ATF MD3	بهران اتوماتیک ااا
LubC, HTF Plus 32	Shell Heat Transfer Oil S2 32	بهران حرارت 32
LubC, HTF Plus 46	Shell Heat Transfer Oil S2 46	-
LubC, HTF Plus 68	Shell Heat Transfer Oil S2 68	بهران حرارت 68
LubC, Spin 10	Shell Morlina S2 BL 10	بهران درفش 10
LubC, Spin 100	Shell Morlina S2 BL 100	بهران درفش 100
LubC, Spin 150	Shell Morlina S2 BL 150	بهران درفش 150
LubC, Spin 220	Shell Morlina S2 BL 220	بهران درفش 220
LubC, Spin 320	Shell Morlina S2 BL 320	بهران درفش 320
LubC,Gear TF 75W80	Shell Spirax S3 AX 75W80	بهران سمند ویژه 75W80
LubC,Gear TF 75W90	Shell Spirax S3 AX 75W90	بهران سمند ویژه 75W90
LubC,Gear TF 80W90	Shell Spirax S3 AX 80W90	بهران سمند ویژه 80W90

LubChemicals	Equivalent	معادل ایرانی
Lub C,Gear TF 85W90	Shell Spiral S3 AX 85W90	بهران سمند ویژه 85W90
LubC,Gear TF 85W140	Shell Spirax S3 AX 85W140	بهران سمند ویژه 85W140
LubC,Gear TF 90W	-	MB90
LubC,UTTO GL4	Shell Spirax S4 TXM	-
LubC,UTTO GL5	-	-
LubC, Chain ST 250	Bechem Berusynth CU 250-KluberHotemp Plus	
LubC,Grease L 2	Shell Gadus S2 V100-2	بهران ياقوت 2
LubC,Grease L 3	Shell Gadus S2 V100-3	بهران ياقوت 3
LubC,Grease L EP 000	Shell Gadus S2 V220 - 000	-
LubC,Grease L EP 00	Shell Gadus S2 V220 - 00	-
LubC,Grease L EP 0	Shell Gadus S2 V220- 0	-
LubC,Grease L EP1	Shell Gadus S2 V220- 1	بهران ياقوت EP1
LubC,Grease L EP2	Shell Gadus S2 V220-2	بهران ياقوت EP2
LubC,Grease L EP3	Shell Gadus S2 V220-3	بهران ياقوت EP3
LubC,Grease LC2	Shell Gadus S2 V220- AC 2	-
LubC,Grease LC HD2	Shell Gadus S2 V220- AC 2	-
LubC,Grease L Plex 1	Shell Gadus S3 V100-1	-
LubC,Grease L Plex 2	Shell Gadus S3 V100-2	-
LubC,Grease L Plex 3	Shell Gadus S3 V100-3	_
LubC,Grease L Plex Plus1	-	-
LubC,Grease L Plex Plus2	-	-
LubC,Grease L Plex Plus3	-	
LubC,Grease L Plex EP1	Shell Gadus S3 V220 C1	_
LubC,Grease L Plex EP2	Shell Gadus S3 V220 C2	Behtam Multiple Plex EP2 HV
LubC,Grease L Plex EP3	Shell Gadus S3 V220 C3	_
LubC,Grease L Plex HD 1	Shell Gadus S3 V460 -1	-
LubC,Grease L Plex HD 2	Shell Gadus S3 V460 - 2	-
LubC,Grease L Plex HD 3	Shell Gadus S3 V460 - 3	-

LubChemicals	Equivalent	معادل ایرانی
LubC,Grease C 3	-	گریس بهران لعل،گریس پارس شاسی
LubC,Grease CSPlex1	Total Ceran HV1	-
LubC,Grease CSPlex2	Total Ceran HV2	-
LubC,Grease PU 1	Shell Gadus S3 T100 -1	-
LubC,Grease PU 1.5	Shell Gadus S3 T101 -1.5	-
LubC,Grease PU 2	Shell Gadus S3 T 102 -2	-
LubC,Grease PU 3	Shell Gadus S3 T 103 -3	-
LubC,Grease PU Plus 1	Bechem Berutox M 21 KN 1	-
LubC,Grease PU Plus 1.5	Bechem Berutox M 21 KN 1.5	-
LubC,Grease PU Plus 2	Bechem Berutox M 21 KN 2	-
LubC,Grease PU Plus 3	Bechem Berutox M 21 KN 3	
Paste CU	BechemBerusynthCU250_Totalspecis250	-



#### Our products are certified to meet all necessary requirements

LUBCHEMICALS understands that above issue is key to the development of the organization which this policy establishes the following main points:

- 1- Continuous improvement of the quality in products and services, environmental management system and safety system.
- 2- Fulfilment of the existing legislation.
- 3- Training of employees and stakeholders as an essential element for the development of the organization and achieving full integration and participation.
- 4- Meeting the needs of our customers, achieving our own personal satisfaction, and getting to consolidate and improve our competitiveness and our expansion in the market by:
- Prioritize error prevention rather than correction.
- Enhancing production planning to maximize the performance of the facilities.
- Providing the necessary resources for the improvement of process control.
- · Minimize residues, improving the maintenance and cleanliness of the plant.

5- To develop our activity with the utmost respect for the protection for the environment:

- Identification and secure the proper management of environmental aspects.
- Minimize waste.
- Pollution prevention, and when not possible, minimize the environmental impact.
- Incorporate environmental criteria into the business management.

6- Ensuring safety protection at work:

- Identify and prevent occupational hazards.
- Having the appropriate facilities, equipment and tools.
- Encourage coordination with the staff for the risk management.
- Incorporating safety criteria into the management of the business itself.

LUBCHEMICALS wishes to promote this policy and encourages all the organization and other parties concerned to comply with it.

#### Services

On a basic rule our engineers support customers and distributors with all sorts of technical topics.

- LUBCHEMICALS Product advices
- Optimization of lubrication consumptions and intervals
- · Rationalization of products the number of products being used
- Technical engineering services
- Used oil analysis program
- Technical consulting while site visiting







#### Professional Lubrication



Rembrandtstr. 80 | 70567 Stuttgart-Germany

Tel. 0049 711 235450 | 0049 711 235464 | Fax:0049 711 2360553

WWW.lubchemicals.com | lube@lubchemicals.com