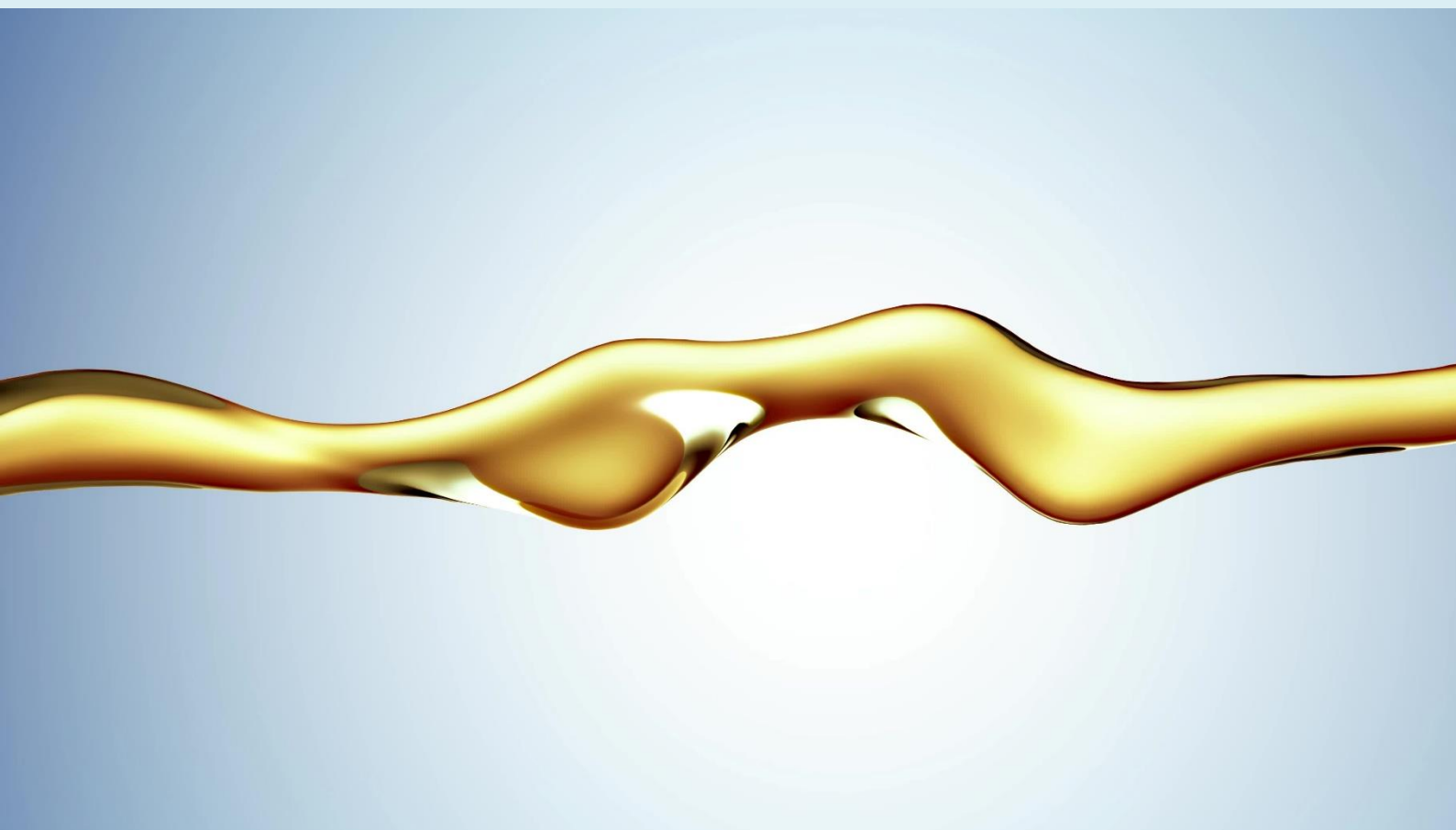


Bislube Ultra Nano
EP Grease Additive 741
For specialized performance



Bislube Ultra Nano

EP Grease Additive 741

Bislube Ultra Nano EP Grease Additive 741 uses proprietary nanotechnology. Its unique chemical structure and composition provides a durable protective film on metal surfaces. It reduces friction and improves extreme pressure (EP) and anti-wear properties of greases and lubricants. More functional benefits listed below:



Tribological - reduces friction and wear scar

Mechanical - removes contaminants & seals systems

Thermal - cools downs & dissipates heat effectively

Chemical - effective protection from corrosion & oxidation

Product Life - 24-month storage period under 50 °C



We are dedicated to supplying high performance additives for a variety of lubricant formulations, including lithium, lithium complex, calcium sulfonate, calcium complex, bentonite clay, PTFE, industrial oils and drilling muds among others.

Advantage overview:

High performance - outperforms common competitor additives by up to 3 times

Cost effective - three times lower treat rate required for equivalent or better performance

Ecofriendly - non-toxic additive

Versatile - oil soluble lubricant additive for a wide variety of applications

Industry leading - top choice for Industry leaders

Physical Properties:

Parameters (units)	Typical values
Appearance at 25 °C	Pale yellow paste
Density at 25 °C (g/cm ³)	1.56
Solubility	Oil soluble
Flash point, ASTM D92 (°C)	380
Fire point, ASTM D92 (°C)	420

Additive Performance and Treat Rate:

Mass %										
Bislube Ultra Nano EP Grease Additive 741	1	2.5	1	2.5	1	2.5	1	2.5	1	2.5
Lithium Grease NLGI 2	99	97.5								
Lithium Complex Grease NLGI 2			99	97.5						
Aluminium Complex Grease					99	97.5				
Calcium Sulfonate Grease							99	97.5		
Bentonite Clay Grease									99	97.5
Results										
4-Ball Wear Scar, ASTM D2266 (mm)	< 0.37	< 0.35	< 0.37	< 0.35	< 0.40	< 0.35	< 0.36	< 0.35	< 0.43	< 0.39
4-Ball EP, ASTM D2596, Weld Load (kg F)	325	650	325	800	325	600	325	800	325	800
Timken, OK, ASTM D2509 (kg F)	> 45	> 55	> 45	> 60	> 45	> 60	> 50	> 65	> 35	> 50
*Copper Corrosion, ASTM D4048	1B	1A	1B	1A	1B	1A	1B	1A	1B	1A
Oxidation Stability, PSI drop, ASTM D942	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5

*Results for 24 hours at 100 °C

Recommended Formulations:

Bislube Ultra Nano EP Grease Additive 741 provides excellent EP/AW properties to grease at up to a 20 % reduced cost compared to other additives and packages.

Multi-purpose EP Grease Formulation			
Formulation	Dosage (%)	Package	Performance
Li base soap	Balance	-	-
Bislube Ultra Nano EP Grease Additive 741	1.00	Grease Additive Package with EP	4-Ball Weld Load = 350
Bislube Ultra Nano Anti-Corrosion Grease Additive 743	0.50	Anti-Corrosion Additive	Pass ASTM D1743
Tackifier	0.50	-	-

Heavy Duty EP Grease Formulation			
Formulation	Dosage (%)	Package	Performance
Li base soap	Balance	-	-
Bislube Ultra Nano EP Grease Additive 741	2.50	Grease Additive Package with EP	4-Ball Weld Load = 350
Bislube Ultra Nano Corrosion Grease Additive 743	0.50	Anti-Corrosion Additive	Pass ASTM D1743
Tackifier	0.50	-	-

Heavy Duty, Heavy Duty EP Grease Formulation			
Formulation	Dosage (%)	Package	Performance
CaS base soap	Balance	-	-
Bislube Ultra Nano EP Grease Additive 741	1.00	Grease Additive Package with EP	4-Ball Weld Load = 800

Heavy Temperature AIX EP Grease Formulation			
Formulation	Dosage (%)	Package	Performance
Al complex base soap	Balance	-	-
Bislube Ultra Nano EP Grease Additive 741	2.00	Grease Additive Package with EP	4-Ball Weld Load = 600
Bislube Ultra Nano Corrosion Grease Additive 743	0.50	Anti-Corrosion Additive	Pass ASTM D1743
Tackifier	0.50	-	-

Open Gear EP Grease Formulation			
Formulation	Dosage (%)	Package	Performance
Li complex base soap	Balance	-	-
Bislube Ultra Nano EP Grease Additive 741	2.50	Grease Additive Package with EP	4-Ball Weld Load = 800
Bislube Ultra Nano Corrosion Grease Additive 743	0.50	Anti-Corrosion Additive	Pass ASTM D1743
Tackifier	0.50	-	-

High Temperature Chain Oil with MoS ₂ Formulation			
Formulation	Dosage (%)	Package	Performance
Chain Oil with Li Soap	Balance	-	-
Bislube Ultra Nano EP Grease Additive 741	1.50	Grease Additive Package with EP	4-Ball Weld Load = 500
Bislube Ultra Nano Corrosion Grease Additive 743	0.50	Anti-Corrosion Additive	Pass ASTM D1743
Bislube Ultra Nano CWX	1.00	-	Wear Scar = 0.44 mm

Packaging:

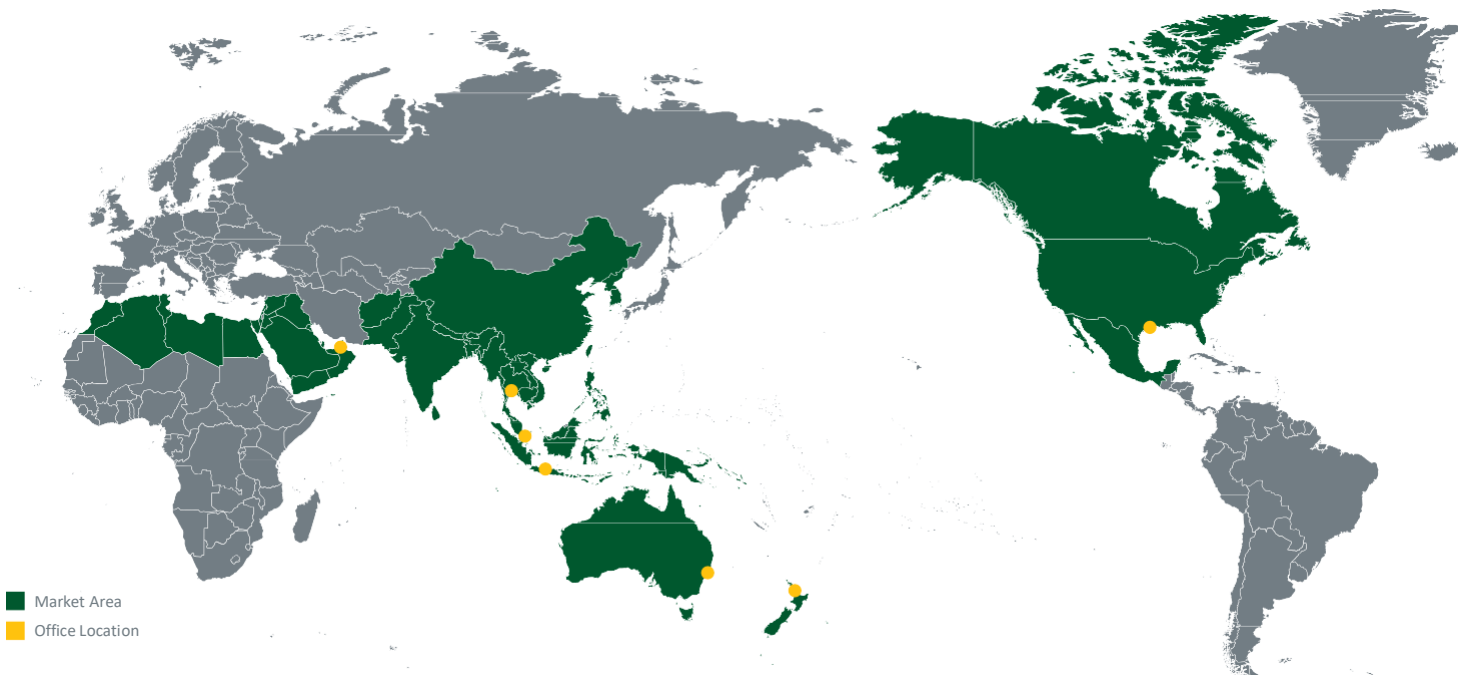
Available In 55 Gal Drums (200 kg) & 5 Gal Pails (20 kg).

Health & Safety:

Additional information can be found in our Safety Data Sheet (SDS). Please refer also to national laws and regulations.

Further solutions

Please let us know if you are searching for a different type of product or solution which better suits your application area. Our experts in this area are happy to assist you.



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