

## ProFluid Grease

Product Name	Soap Type	NLGI Grade	Color	NLGI Classification
ProFluid Marine Grease	Calcium Sulfonate	2	Green	GC-LB
ProFluid CS EP2 Synthetic Grease	Calcium Sulfonate	2	Green	GC-LB
ProFluid Blue EP 2 Grease	Lithium Complex	2	Blue	GC-LB
ProFluid Hi-Temp Red Grease	Lithium Complex	2	Red	GC-LB
ProFluid Moly EP 2 Grease	Lithium Complex	2	Grey/Black	GC-LB
ProFluid MP2 Graphite Grease	Lithium	2	Grey/Black	GA-LA
ProFluid Multi-Purpose Lithium Grease - Amber	Lithium	2	Amber	LA/GB
ProFluid MP Lithium Grease	Lithium	2	Amber	LA/GB
ProFluid MP2 Red Lithium Grease	Lithium	2	Red	LA/GB
ProFluid "00" Grease	Lithium	00	Green	—
ProFluid "000" Lithium Grease	Lithium	000	Red	—

### Packaging Add-ons:

Container/Item	Notes
Drum	Color, Decorated, New/Recon, Liner/No-liner, Label
Keg	Color, Decorated, New/Recon, Liner/No-liner, Label
Pail	Color, Decorated, New/Recon, Liner/No-liner, Label
14 oz. Cartridges	5-10 Packs, Shrinkwrap, Cartridge Supplier, Caps, 10 Pack Box Supplier
1 lb. Tubs	Tray/Masterpack, Tub Supplier, Caps

NOTE: Values indicated are typical physical properties and are not specification limits. Seller offers no warranty, expressed or implied, concerning the suitability of this product for any particular purpose.

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## Marine Grease

### PROPERTIES

**ProFluid Marine Grease** is a high-performance extreme pressure (EP) synthetic based grease designed for the marine industry. Formulated with advanced calcium sulfonate thickener technology to provide excellent extreme pressure(EP) load carrying and rust protection in moderate to severe service applications. Compared to conventional soap-base thickeners (i.e. lithium, aluminum, calcium soaps), the 12-HSA calcium sulfonate thickener used in ProFluid calcium sulfonate grease excels in water saturated environments, providing rust protection between long re-lubrication intervals. The inherent EP properties of OBCS (over-based calcium sulphonate) grease exhibit great stability in the presence of water while a unique combination of polymers provide excellent adhesiveness, allowing a balance between wear protection and resistance to corrosion.

Properties	Test Method ASTM D-	Data
All Applications		
Appearance	Visual	Green
Consistency	Visual	Smooth
Soap Type		Calcium Sulfonate
NLGI Grade		2
NLGI Classification		GC-LB
Worked Penetration	217	279
drop Point (°C/°F)	2265	288(550)
Oil Separation	1742	0.5
Base Oil Viscosity	445	
cSt @ 40 °C		118
cSt @ 100 °C		12.5
Viscosity Index	2270	95
Automotive Applications		
Water Washout @ 175 °F	1264	0.5
Leakage Tendencies, g loss	4290	4
high Temp Life hours	3527	100
Fretting Protection mg	4170	6
Elastomer Change @ 100 °C Volume Change % hardness Change %	4289	7.7 0
4 Ball Wear Scar diam., mm	2266	0.45
4 Ball Load Wear Index kgf	2596	75
4 Ball EP Weld kgf	2596	600
Rust Test	1743	Pass
Low Temperature Torque N-m	4693	9.0
Industrial Applications		
Timken OK Load lbs	2509	65
Cu Corrosion	4048	1b
Steel Corrosion, distilled water	4049	Pass
Steel Corrosion, 3% sea water	1743	Pass
Oxidation, psi drop @ 100 hrs	942	< 5 psi

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## CS EP2 Synthetic Grease

### PROPERTIES

**ProFluid CS EP2 Synthetic Grease** is formulated with advanced calcium sulfonate thickener technology to provide excellent extreme pressure (EP) load carrying and rust protection in moderate to severe service applications. Compared to conventional soap-base thickeners (i.e. lithium, aluminum, calcium soaps), the calcium sulfonate thickener used in ProFluid calcium sulfonate grease excels in water saturated environments, providing rust protection between long re-lubrication intervals. The inherent EP properties exhibit great stability in the presence of water, allowing a balance between wear protection and resistance to corrosion.

Properties	Test Method ASTM D-	Data
All Applications		
Appearance	Visual	Green
Consistency	Visual	Smooth
Soap Type		Calcium Sulfonate
NLGI Grade		2
NLGI Classification		GC-LB
Worked Penetration	217	279
Drop Point (°C/°F)	2265	288(550)
Oil Separation	1742	0.5
Base Oil Viscosity	445	
cSt @ 40 °C		260
cSt @ 100 °C		24.5
Viscosity Index	2270	119
Automotive Applications		
Water Washout @ 175 °F	1264	0.5
Leakage Tendencies, g loss	4290	4
High Temp Life hours	3527	100
Fretting Protection mg	4170	6
Elastomer Change @ 100 °C	4289	
Volume Change %		7.7
Hardness Change %		0
4 Ball Wear Scar Diam., mm	2266	0.45
4 Ball Load Wear Index kgf	2596	75
4 Ball EP Weld kgf	2596	800
Rust Test	1743	Pass
Low Temperature Torque N-m	4693	9.0
Industrial Applications		
Timken OK Load lbs	2509	65
Cu Corrosion	4048	1b max
Steel Corrosion, distilled water	4049	Pass
Steel Corrosion, 3% sea water	1743	Pass
Oxidation, psi drop @ 100 hrs	942	<5 psi

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## Blue EP 2 Grease

### PROPERTIES

**ProFluid Blue EP 2 Grease** is a High-Performance extreme pressure (EP) multipurpose grease formulated to exceed the latest equipment requirements. Reduces the coefficient of friction with a unique formulation that adheres to metallic surfaces vs plating out.

Properties	Test Method ASTM D-	Data
All Applications		
Appearance	Visual	Blue
Consistency	Visual	Smooth, Tacky
Soap Type		Lithium Complex
NLGI Grade		2
NLGI Classification		GC-LB
Worked Penetration	217	265-295
Drop Point (°C/°F)	2265	>260(500)
Oil Separation	1742	<5
Base Oil Viscosity	445	
cSt @ 40 °C		160
cSt @ 100 °C		15.7
Viscosity Index	2270	100
Automotive Applications		
Water Washout @ 175 °F	1264	7.0
Leakage Tendencies, g loss	4290	<5
High Temp Life, hours	3527	>80
Fretting Protection mg	4170	10 max
Elastomer Change @100 °C Volume Change % Hardness Change %	4289	22 -8
4 Ball Wear Scar Diam., mm	2266	0.4
4 Ball Load Wear Index kgf	2596	>30
4 Ball EP Weld kgf	2596	550
Rust Test	1743	Pass
Low Temperature Torque N-m	4693	13.5
Industrial Applications		
Timken OK Load lbs	2509	60
Cu Corrosion	4048	Pass
Oxidation, psi drop @ 100 hrs	942	10

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## Hi-Temp Red Grease

**ProFluid Hi-Temp Red Grease** is an extended service, premium, lithium complex, extreme pressure (EP) grease that provides superior protection to lubricate a wide variety of automotive, agricultural, trucking, mining, construction, and industrial equipment. Combines excellent multipurpose properties with a high dropping point to offer protection across a wide temperature range. Lithium complex greases are extremely versatile performers that are highly recommended for disc brake wheel and conveyor bearings providing outstanding shock load protection.

### PROPERTIES

Properties	Test Method ASTM D-	Data
All Applications		
Appearance	Visual	Red
Consistency	Visual	Smooth, Adhesive
Soap Type		Lithium complex
NLGI Grade		2
NLGI Classification		GC-LB
Worked Penetration	217	265-295
Drop Point (°C/°F)	2265	>260(500)
Oil Separation	1742	1.2
Base Oil Viscosity cSt @ 40 °C cSt @ 100 °C	445	220 15.74
Viscosity Index	2270	>90
Automotive Applications		
Water Washout @ 175 °F	1264	4.1
Leakage Tendencies, g loss	4290	1.4
High Temp Life hours	3527	100
Fretting Protection mg	4170	7.8
Elastomer Change at 100 °C Volume Change % Hardness Change %	4289	24 -9
4 Ball Wear Scar Diam., mm	2266	0.54
4 Ball Load Wear Index kgf	2596	50
4 Ball EP Weld kgf	2596	315
Rust Test	1743	Pass
Low Temperature Torque N-m	4693	13.0
Industrial Applications		
Timken OK Load lbs	2509	45
Cu Corrosion	4048	Pass
Oxidation, psi drop @ 100 hrs	942	10 max

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## MP2 Graphite Grease

### PROPERTIES

**ProFluid MP2 Graphite Grease** is a multipurpose NLGI #2 graphite fortified lithium-based grease that exhibits good mechanical stability, rust inhibition and water resistance. It has a broad range of applications in automotive chassis and off-highway, over-the-road and industrial vehicles and equipment, as well as other general lubrication where a heavy grease with solid lubricants is required.

Properties	Test Method ASTM D-	Data
All Applications		
Appearance	Visual	Grey/Black
Consistency	Visual	Smooth
Soap Type		Lithium
NLGI Grade		#2
NLGI Classification		GA-LA
Worked Penetration	217	265 - 295
Drop Point (°C/°F)	2265	171/340
Oil Separation	1742	<5
Filler		Graphite
Graphite Content %		15 Min
Base Oil Viscosity cSt @ 40 °C cSt @ 100 °C	445	144 14.5
Viscosity Index	2270	99
Elastomer Change @ 100 °C Volume Change % Hardness Change %	4289	32 -12
4 Ball Wear Scar Diam., mm	2266	0.6
Low Temperature Torque N-m	4693	15.5
Estimated Operating Range, °F		0 - 275

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## Multi-Purpose Lithium Grease – Amber

### PROPERTIES

**ProFluid MP Lithium Grease** is a mineral oil based, general purpose, medium/hard high performance grease based on a new lithium 12-hydroxystearate soap thickener fortified with anti-oxidant, anti-wear, and anti-rust additives. These premium quality greases are suitable for a wide range of industrial, automotive, agricultural, marine applications, and is formulated for use in most electrical motor bearings.

It has excellent water resistance with a typical dropping point of > 190°C (374°F). It is designed to withstand heavy loads, and offers maximum protection for wheel bearings, suspension systems, universal joints, steering linkages, and chassis. It seals out dirt and moisture and offers good stability over its operating range.

Properties	Test Method ASTM D-	Data
All Applications		
Appearance	Visual	Amber
Consistency	Visual	Smooth
Soap Type		Lithium
NLGI Grade		2
NLGI Classification		LA/GB
Worked Penetration	217	278
Drop Point (°C/°F)	2265	190 (374)
Oil Separation	1742	1-3
Base Oil Viscosity cSt @ 40 °C cSt @ 100 °C	445	150 15.1
Viscosity Index	2270	101
Automotive Applications		
Water Washout	1264	<10%
High Temp Life, hrs	3527	40
Elastomer Change @ 100 °C Volume Change % Hardness Change %	4289	10 -2
4 Ball Wear Scar Diam., mm	2266	<0.4
Rust Test	1743	Pass
Low Temperature Torque N-m	4693	12.0
Industrial Applications		
Timken OK Load lbs	2509	40
Weld Point, kg	2596	250

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## MP Lithium Grease

**ProFluid MP Lithium Grease** is a mineral oil based, general purpose, medium/hard high-performance grease based on a new lithium 12-hydroxystearate soap thickener fortified with anti-oxidant, anti-wear, and anti-rust additives. These premium quality greases are suitable for a wide range of industrial, automotive, agricultural, marine applications, and is formulated for use in most electrical motor bearings.

It has excellent water resistance with a typical dropping point of > 190°C (374°F). It is designed to withstand heavy loads, and offers maximum protection for wheel bearings, suspension systems, universal joints, steering linkages, and chassis. It seals out dirt and moisture and offers good stability over its operating range

Properties		Test Method ASTM	Data		
	All Applications				
Appearance		Visual	Dark	Amber	Amber
Consistency		Visual	Smooth	Smooth	Smooth
Soap Type			12-HSA	12-HSA	12-HSA
NLGI Grades			2	2	3
NLGI Classification			LA/GB	LA/GB	LA/GB
Worked Penetration		D-217	278	278	240
Drop Point (°C/°F)		D-2265	190/374	190/374	190/374
Oil Separation		D-1742	1-3	1-3	1-3
Base Oil Viscosity cSt @ 40°C cSt @ 100°C		D-445	150 15.1	150 15.1	150 15.1
Viscosity Index		D-2270	101	101	101
Automotive Applications					
Water Washout		D-1264	<10%	<10%	<8%
High Temp Life, hrs		D-3527	40	40	40
Elastomer Change @ 100°C Volume Change % Hardness Change %		D-4289	10 -2	10 -2	10 -2
4 Ball Wear Scar Diam, mm		D-2266	<.04	<.04	<0.4
Rust Test		D-1743	Pass	Pass	Pass
Low Temp Torque N-m		D-4693	12.0	12.0	15.5
Industrial Applications					
Timken OK Load lbs		D-2509	40	40	40
Weld Point, kg		D-2596	250	250	250

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## MP2 Red Lithium Grease

**ProFluid MP2 Red Lithium Grease** is a mineral oil based, general purpose, medium/hard high performance grease based on a new lithium 12-hydroxystearate soap thickener fortified with anti-oxidant, anti-wear, and anti-rust additives. These premium quality greases are suitable for a wide range of industrial, automotive, agricultural, marine applications, and is formulated for use in most electrical motor bearings. It has excellent water resistance with a typical dropping point of > 190°C (374°F). It is designed to withstand heavy loads, and offers maximum protection for wheel bearings, suspension systems, universal joints, steering linkages, and chassis. It seals out dirt and moisture and offers good stability over its operating range.

Properties	Test Method ASTM	Data
<b>All Applications</b>		
Appearance	Visual	Red
Consistency	Visual	Smooth
Soap Type		Li 12-HSA
NLGI Grades		2
NLGI Classification		LA/GB
Worked Penetration	D-217	278
Drop Point (°C/°F)	D-2265	190/374
Oil Separation	D-1742	1-3
Base Oil Viscosity cSt @ 40°C cSt @ 100°C	D-445	220 19.1
Viscosity Index	D-2270	98
<b>Automotive Applications</b>		
Water Washout	D-1264	<10%
High Temp Life, hrs	D-3527	40
Elastomer Change @ 100°C Volume Change % Hardness Change %	D-4289	10 -2
4 Ball Wear Scar Diam, mm	D-2266	<.04
Rust Test	D-1743	Pass
Low Temp Torque N-m	D-4693	12.0
<b>Industrial Applications</b>		
Timken OK Load lbs	D-2509	40
Weld Point, kg	D-2596	250

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## "00" Cotton Picker Grease

### PROPERTIES

**ProFluid "00" Grease** is a lithium-based, low temperature semi-fluid with anti wear and corrosion inhibitors that can be used in all makes of cotton pickers. A combination of highly refined base oils, lithium soap, and a unique anti-wear additive help to protect critical parts in high wear areas extending service life. Specifically designed to provide protection to Cotton Picker Spindles. **ProFluid "00" Grease** may also be used as an "ALL-IN-ONE" lubricating grease, gear lubricant, penetrating oil, and corrosion inhibitor. To keep your equipment running efficiently, even under the harshest operating conditions, you can depend on **ProFluid Spindle Grease**. Thoroughly tested and proven to outperform competitive greases, this quality-made product will provide the best value for your investment. Thermally stable additive package protects against harmful effects of extreme temperatures, high-speed spindle operation, rust, and corrosion making it an excellent option over higher priced competitive products.

Properties	Test Method ASTM D-	Data
Appearance	Visual	Green
Consistency	Visual	Smooth
Soap Type		Lithium
NLGI Grade		00
NLGI Classification		NA
Worked Penetration	217	400-430
Drop Point (°C/°F)	2265	NA
Base Oil Viscosity cSt @ 40 °C cSt @ 100 °C	445	21.0 4.1
Viscosity Index	2270	>90
4 Ball Wear Scar Diam. mm	2266	0.7 max
Rust Test	1743	Pass
Cu Corrosion	4048	Pass
Low Temp Torque @ 4 °F Breakaway g-cm 10 minutes g-cm 1 hour g-cm	1478	250 max 190 max 190 max

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## "000" Lithium Grease

### PROPERTIES

**ProFluid "000" Lithium Grease** is a economic light duty, "000" grease manufactured using selected highly refined medium viscosity index base oils, a lithium 12-hydroxystearate thickener, an extreme pressure additive, and rust and oxidation inhibitors. "000" is a semi-fluid grease formulated to meet the lubrication requirements of mining machinery equipment manufacturers such as Ingersoll-Rand, Schaeffler, Worthington, Caterpillar, Volvo, Joy, Parts HQ, and many others.

Properties	Test Method ASTM D-	Data
Appearance	Visual	Red
Consistency	Visual	Smooth
Soap Type		Lithium
NLGI Grade		000
NLGI Classification		NA
Worked Penetration	217	465
Drop Point (°C/°F)	2265	175/347
Oil Separation	1742	4
Base Oil Viscosity	445	
cSt @ 40 °C		152
cSt @ 100 °C		11.9
Viscosity Index	2270	51
Timken OK Load lbs	2509	40
Rust Test	1743	Pass

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Learn more at  
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