



Triton 100, 220 and 460

TRITON 100, 220 and 460 are premium-quality, synthetic polyalphaolefin (PAO), extreme-pressure lithium complex greases specifically developed to provide outstanding protection for equipment operating at extreme temperatures. They provide superior wear protection, rust and corrosion resistance, and reduced friction for light- and heavy-duty automotive and industrial equipment and moving parts.

TRITON greases are formulated with premium-quality synthetic PAO-base oil thickened with lithium complex soap. They are compounded with rust and corrosion inhibitors, oxidation inhibitors, and extreme-pressure additives for extended service life.

Applications

TRITON 100 is a synthetic lithium complex EP grease with natural antiwear properties. It is primarily recommended for high-speed bearings for electric motors and gearboxes operating indoors and subjected to extreme heat or outdoors and subjected to hot and cold weather. It is noncorrosive to copper and bronze metals.

TRITON 220 is multipurpose lithium complex EP grease recommended for chassis and wheel bearing lubrication, mobile on-road and off-road equipment and for industrial equipment. It is versatile and long lasting. It is primarily recommended for medium-speed bearings and some electric motors and gearboxes operating indoors and subjected to extreme heat or outdoors and subjected to hot and cold weather.

TRITON 460 is heavy-duty lithium complex EP grease recommended for automotive, agricultural and industrial equipment operating at low to medium speeds. It provides outstanding protection for equipment operating under heavy loads or subjected to water or corrosive environment.

Note: For elastomer and seal compatibility, please call our Technical Hot Line.

**Premium-Quality,
Synthetic PAO,
Extreme-Pressure
Lithium Complex
Greases**

**U.S. Technical Services
Hot line:
1-800-766-0050**

**U.S. Customer Service:
1-800-822-6457**

**International:
+1-832-486-3363**

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Outstanding Features

- Superior wear protection for longer equipment life
- Superior pumpability at low temperature
- Excellent lubrication at high temperature
- Protects against rust, corrosion and oxidation
- Extreme-pressure additive protects against wear

Triton 100, 220 and 460

Typical Properties

	ASTM Test Method		
Grade	100	220	460
NLGI Grade	2	2	1.5
Thickener	Lithium Complex	Lithium Complex	Lithium Complex
Color	Purple	Purple	Purple
Texture	Smooth	Smooth	Smooth
Density, lb/gal	7.92	7.96	7.99
Cone Penetration, (worked 60 strokes)	D217	280	280
Dropping Point, °F (°C)	D2265	>500 (>260)	>500 (>260)
Oxidation Stability,			
100 hrs, Pressure Drop, psi (kpa)	D942	5 (35)	5 (35)
Water Washout, % Loss	D1264	<5	<5
Timken OK Load, lbs	D2509	55	65
Four-Ball EP, Weld Load, Kg	D2596	250	400
Four-Ball Wear, 75°C, mm	D2266	0.60	0.58
Rust Test	D1743	Pass	Pass
Copper Corrosion Test	D4048	1b	1b
Base Oil Properties,			
cSt @ 40°C	D445	110	220
cSt @ 100°C	D445	14	25
SUS @ 100°F		568	1142
SUS @ 210°F		76	122
Viscosity Index	D2270	140	140
Usable Temperature Range,			
°F		-40 to 400	-40 to 400
°C		-40 to 204	-40 to 204

Due to continual product research and development, the information contained herein is subject to change without notification.

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