



Chemola™ ThredOn™ 301 EZE Break DC

Premium TFE Rotary Shoulder Compound

Chemola™ ThredOn™ 301 EZE-Break DC compound is a lead-free high pressure compound for rotary shouldered connections. It is compounded with PTFE and other solid additives to maintain a positive thread seal while preventing galling in the most extreme environments. Special corrosion inhibition and oxidation stabilization additives are present to prevent rust and expand shelf life. It insures a positive seal under pressure and ease of breakout without excessive torque.

Recommended Uses

301 can be used for rotary shouldered connections in high torque operations. It is easy to apply to hot, wet or dry surfaces.

Typical Characteristics

Appearance	Light gray, grainy
NLGI	1
Penetration (ASTM D217)	330-350
Worked Penetration, 60x (ASTM D217)	330-350
Base Grease	Lithium Complex
Base Oil	Mineral oil
Base Oil Viscosity	140 cSt at 40°C
Base Oil Viscosity	10 cSt at 100°C
Base Oil Pour Point	-10°F (-23°C)
Solids Content	PTFE, zinc
Specific Gravity	1.4
Density (lb/gal)	11.7
Dropping Point (ASTM D566)	500°F (260°C)
Flash Point	430°F (221°C)
Temperature Range	0°F to 500°F (-18°C to 260°C)
Four-Ball EP Weld Point (ASTM D2596)	400 kgf
Friction Factor (API 7A1)	1.0
Brushable To	0°F (-18°C)
Sulfur Content	<0.3%

Packaging Information

Item Number	Unit Size
0301050WM	50 lb pail

***Contains no lead.**

DO NOT USE ON OXYGEN SERVICE.
Special packaging sizing available upon request.

SOUTH COAST PRODUCTS

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Premium