

# Aeriol **ThixO #2 Aviation Grease**

Aeriol ThixO#2 Aviation Grease is specifically engineered to provide outstanding results in the most extreme conditions. The incredible flexibility in performance allows the grease to be used in a wide range of aviation applications.

ThixO#2 Aviation Grease uses an advanced thickening agent and superior additive technology which exhibits a high resistance to water washout, and is ideal for preventing corrosion on components which can result in longer life and increased productivity. ThixO#2 Aviation Grease demonstrates outstanding shear stability and exhibits a broad temperature range (-35C to >250C) dependant on application requirements. Approved for use on helicopter and aviation

equipment in areas as specified by the OEM. ThixO#2 Aviation Grease has received many regional approvals for specific models by the Civil Aviation Authority in New Zealand, Transport Canada, and other countries world wide.

ThixO#2 Aviation Grease is approved and recommended for use in a wide range of Bell Helicopter models for specific applications - primarily to prevent rust, corrosion and seizing of critical components in drives, hub sets and splines.

**Meets or Exceeds the following:  
BELL Consumable Material Ref C-561**

**Aeriol ThixO#2 Aviation Grease:** For use in aviation (fixed and rotary wing) greasing applications as specified by the OEM. ThixO#2 Aviation Grease should not be considered an alternate for other greases in all applications. Be sure to carefully read and apply all instructions found in the maintenance manuals and technical service bulletins published by the OEM.

<b>PART#: 3810-2 (425g tube)</b>	<b>3810-0 (425g tube x60)</b>	<b>3812-0 (55 kg keg)</b>
<b>3810-1 (425g tube x10)</b>	<b>3811-0 (17kg pail)</b>	<b>3813-0 (180kg drum)</b>

TYPICAL PROPERTIES	ASTM METHOD	ThixO #2 Aviation Grease
NLGI Consistency Grade		no. 2
Appearance		Brown, Smooth, Buttery
Worked Penetration (60 Strokes - mm/10)	D 217	280
Dropping Point (°C)	D 2265	>300 (572 °F)
Oil Separation (% W loss)	D 1742	0.27
<b>BASE OIL PROPERTIES</b>		
Viscosity @ 40°C (cSt)	D 445	130
Viscosity @ 100°C (cSt)	D 445	13.4
Viscosity Index	D 2270	95
Specific Gravity	D 1298	1.05
Density @ 20°C (g/mL)	D 1298	1.05
Pour Point (°C)	D 97	-15 (5 °F)



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**PERFORMANCE TESTING**

Timken OK Load (kg)	D 2509	> 31 (70 lbs)
4 Ball EP - Load Wear Index	D 2596	75
4 Ball EP - Weld Point (kgf)	D 2596	500
4 Ball Wear (mm)	D 2266	0.37
Water Washout (% loss @ 80°C (175°F))	D 1264	0.10 %
Wheel Bearing Leakage (g loss)	D 4290	3.94
Low Temperature Torque (Nm @ -40°C)	D 4693	12.0
Corrosion Prevention	D 1743	PASS

