

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.

Aeriol ThixO#2 Aviation Grease uses an advanced thickening agent and superior additive technology which exhibits a high resistance to water washout and has excellent thermal and oxidation stability which can result in longer component life and increased production. Aeriol ThixO#2 demonstrated outstanding shear stability and exhibits a broad temperature range (-35°C to >250°C).

Aeriol ThixO#2 Aviation Grease: For use in Aviation (fixed wing and rotary) greasing applications as specified by the OEM. Aeriol 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

Approved for use on helicopter and aviation equipment in areas as specified by the OEM. Aeriol 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 worldwide.

Aeriol ThixO#2 Aviation Grease is approved and recommended for use in a wide range of Bell Helicopter models for specific application primarily as a CPC to prevent corrosion and seizing of critical components in simple nuts, bolts as well as drives, hub sets and splines.

Meets or exceeds the following Bell Consumable Material Ref C-561.

Product ID#	3810-3 (425g Tube x 30)	3811-0 (17kg Pail) 3812-0 (55kg Keg)	3813-0 (180kg Drum)
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TYPICAL PROPERTIES	ASTM METHOD	Aeriol ThixO#2
NLGI Consistency Grade		2
Appearance		Tan, 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
BASE OIL PROPERTIES		
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)
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
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



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GREASE COMPATIBILITY											
	Thickener	1	2	3	4	5	6	7	8	9	10
1	Ca sulfonate complete		NC	NC	FC	FC	NC	FC	FC	NC	NC
2	Aluminum complex	NC		NC	FC	NC	NC	NC	NC	NC	NC
3	Barium	NC	NC		FC	NC	NC	NC	NC	NC	NC
4	Anhydrous calcium	FC	FC	FC		SC	FC	FC	FC	NC	NC
5	Calcium complex	FC	NC	NC	SC		NC	NC	FC	FC	NC
6	Clay	NC	NC	NC	FC	NC		NC	NC	NC	NC
7	Lithium	FC	NC	NC	FC	NC	NC		FC	NC	SC
8	Lithium complex	FC	NC	NC	FC	FC	NC	FC		NC	SC
9	Polyurea	NC	NC	NC	NC	FC	NC	NC	NC		NC
10	Sodium	NC	NC	NC	NC	NC	NC	SC	SC	NC	

Legend:

FC - Fully compatible

SC - Somewhat compatible: Mixture soften, but remains grease like

NC - Not compatible: Mixtures soften severely and do not remain grease like

All precautions were taken to ensure that the data in this table are correct, however it is recommended that you consult the manufacturer before mixing two different products.