

ROYCO® 43

PNEUMATIC SYSTEMS GREASE

ROYCO® 43 is lithium soap thickened synthetic oil based grease developed for the demands of modern industrial, aerospace and marine applications. ROYCO® 43 is compounded with state of the art additive technology to enhance oxidation resistance, rust and corrosion protection, as well as lubricity at extreme low temperatures.

APPLICATIONS

ROYCO® 43 is recommended for use as a lubricant or sealing aid between elastomer and metal contact. It may be used in pneumatic systems, pressurized aircraft bulkhead grommets, and any other mechanisms requiring rubber to metal lubrication.

NOTE

Use with natural rubber elastomers is not recommended. Materials should be evaluated for compatibility before use.

FEATURES AND BENEFITS

Features

- **Specially selected synthetic esters provide enhanced oxidation resistance, and excellent lubricity at low temperature.**



APPROVALS & SPECIFICATIONS

ROYCO® 43 meets the requirements and is qualified to the latest revision level of SAE-AMS-G-4343, which supersedes MIL-SPEC: MIL-G- 4343. NATO Code G-392.

PROPERTIES	METHOD	SPECIFICATION	TYPICAL
Worked Penetration, mm	ASTM D217	260 min	283
Dropping Point, °F	ASTM D2265	325 min	399
Evaporation, 210°F, 22 hours, % weight loss	ASTM D2595	2.5 max	0.77
Oil Separation, 100°C, 30 hours, %	FTM 321	5.0 max	2.44
Bomb Oxidation, 210°F, 100 hr, pressure change, psi	ASTM D942A	5.0 max	1.22
Copper Corrosion, ASTM color change	FTM 5309	None	1b

PACKAGING

ROYCO® 43 is available in 6.5 pound tins, and 35 pound pails.



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