

ANDEROL PRODUCT DATA SHEET

ROYCO® C-201

HIGH TEMPERATURE FLUOROSILICONE
GREASE AND SPLINE LUBRICANT

GENERAL INFORMATION

ROYCO C201, a brown-colored fluorosilicone based grease utilizing a PTFE type thickener for enhanced load carrying capability and an additive package containing antioxidants, corrosion inhibitors, and heat stabilizing additives.

TYPICAL PROPERTIES:

PROPERTIES	TEST METHOD	ROYCO C-201
Penetration, mm	ASTM D-217	
Unworked		280
Worked		295
Dropping Point, °C (°F)	ASTM D-566	>260 (500)
Water Resistance, 37.8°C, % loss	FTM 791B-321.2	Nil
Copper Corrosion, 24 hrs, 100°C		1b
Load Wear Index	ASTM D-130	65
Evaporation, 24 hrs @ 204°C, % loss	ASTM D-2783	2.5
Rust Protection, 100% RH, 14 days	---	No rust or staining
Low Temperature Torque, -51°C, g-cm		
Starting		3,900
Running	ASTM D-972	2,400

ROYCO C-201

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For more information please refer to the relevant Material Safety Data Sheet accompanying each product.

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APPLICATIONS

Intended for high temperature applications requiring good load carrying capability. Typical uses include high temperature spline couplings, bearings, actuators, or other aggressive environments in the temperature range of -50 to +500 degrees F (-45 to +260°C).

ADVANTAGES

- Wide operating temperature range
- Excellent low temperature properties
- Very low evaporation and volatility characteristics
- Corrosion and rust inhibited

COMPATABILITY

Description of compatibility issues.

APPROVALS

ROYCO C-201 has been approved by the Vickers AOM Div. of Sperry Rand Corp. for use as a spline lubricant in the coupling of PV3-115 and PV3-240 hydraulic pumps.

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