

# ANDEROL PRODUCT DATA SHEET

## ROYCO® 11MS

High Load General Purpose Aircraft Grease

### GENERAL INFORMATION

ROYCO 11MS is a smooth, gray-black colored grease which utilizes an inorganic gel thickener for high temperature operation. A modern additive package is provided containing molybdenum disulfide for high load carrying ability as well as corrosion and oxidation protection, rust inhibitors, and severe duty performance over extreme temperature ranges.

### TYPICAL PROPERTIES:

PROPERTIES	Royco 11MS
Unworked Penetration	320
Worked Penetration, 60 Strokes	337
Dropping Point, °F	>600
Oil Separation, wt% @ 212 °F, 30 hrs	1.8
Evaporation, wt% @ 250 °F, 22 hrs	0.5
Mean Hertz Load	57
Water Resistance, 105 °F, %	1.7
Starting Torque, 40 °F, Nm	0.28
Running Torque, 40 °F, Nm	0.03

**ROYCO 11MS**

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

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## APPLICATIONS

ROYCO 11MS is intended for use in high load, sliding surface applications where severe operating conditions may include temperatures from -40 to 300°F or corrosive environments. Its exceptional water resistance and load carrying properties make it suitable for use in bogie pivot pins and other landing gear assemblies, actuators, and other airframe applications requiring high load carrying performance and resistance to water and corrosives. ROYCO 11MS is useful in many industrial applications as well, which require a wide latitude, severe duty general-purpose grease.

## ADVANTAGES

- Exceptional water resistance
- Improved corrosion resistance
- Superior load carrying properties
- Excellent low temperature performance

## SPECIAL CONSIDERATIONS

ROYCO 11MS should not be used in high speed bearing applications without prior performance evaluation.

## APPROVALS

ROYCO 11MS is specified for use in landing gear assemblies of many Boeing, McDonnell Douglas, and other transport aircraft.

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