



CORROSION PREVENTIVE PROPERTIES OF LUBRICATING GREASES

Corrosion Preventive Properties of Lubricating Greases TT-1743

Corrosion Preventive Properties of Lubricating Greases TT-1743 complies with the ASTM D1743 Standard Test Method for Determining Corrosion Preventive Properties of Lubricating Greases.

Corrosion Preventive Properties of Lubricating Greases TT-1743 is utilized for assessing the corrosion preventive properties of greases by subjecting grease-lubricated tapered roller bearings to storage under wet conditions. This test method is founded on CRC Technique L 412, which demonstrates correlations between laboratory test results and the performance of grease-lubricated aircraft wheel bearings in service.

APPLICATIONS

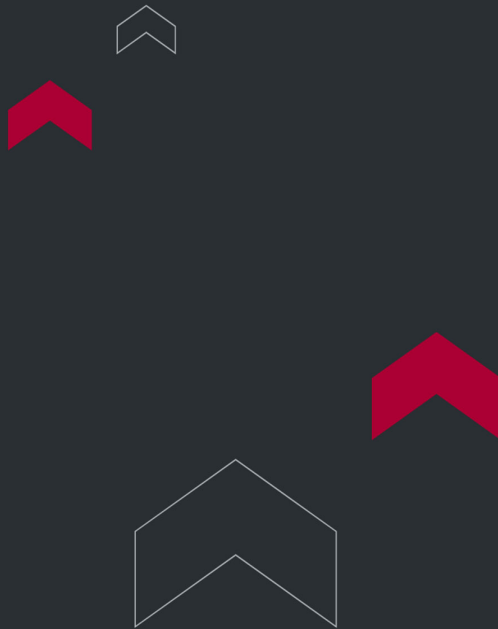
Test introduction

New, cleaned, and lubricated bearings are subjected to a light thrust load for 60 ± 3 seconds to evenly distribute the lubricant in a manner resembling real-world service conditions. Following this, the bearings are exposed to water and then stored for 48 ± 0.5 hours at $52 \pm 1^\circ\text{C}$ ($125 \pm 2^\circ\text{F}$) and 100% relative humidity. Subsequently, the bearing cups are inspected for signs of corrosion.

The instrument comprises a motor, thrust loader, transmission gear, bearing bracket, and other components. It is characterized by a compact structure and easy operation.

TECHNICAL SPECIFICATIONS

1. Rated voltage: AC220V $\pm$ 20V, 50Hz (110V also available)
2. Motor specifications: 1450rpm, 1750rpm, 184W
3. Dimensions: 400 $\times$ 408 $\times$ 233mm



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