Corrosion Preventive Properties of Lubricating Greases

Corrosion Preventive Properties of Lubricating Greases in Presence of Dilute Synthetic Sea Water Environments

Test Method
Determines the corrosion preventive properties of greases when distributed in a tapered roller bearing stored under wet conditions.

Corrosion Preventive Properties Apparatus
• Conforms to ASTM D1743 and D4950 specifications
Distributes a lubricating grease sample in a roller bearing by running the bearing under light thrust load. Corrosion preventive capability is determined on a pass/fail basis by the presence of rust spots (1mm or larger) on the bearing race after a 60 second run-in period followed by prolonged exposure to water at constant temperature. Consists of variable speed motor, 1750rpm run-in stand, bearing holder assemblies, spindle/thrust loading device, mechanical grease packer pliers and test bearings.

Specifications
Conforms to the specifications of: ASTM D1743, D4950, Draft Method, D5969
Drive Motor: 1750rpm
Electrical Requirements: 115V 60Hz, Single Phase, 2.0A
220-240V 50/60Hz, Single Phase, 1.0A

Included Accessories
Bearing Holder Assemblies (3): Consisting of:
1kg weight
upper and lower plastic collars for cone
plastic collar for cup
plastic jar with screw cap
metal screw
Spindle/Thrust Loading Device
Mechanical Grease Packer
Pliers
Test Bearings (3) (cone and roller assemblies)

Dimensions lxxwxxh, in.(cm)
10x15x20 (25.4x38.1x50.8)
Net Weight: 27 lbs (12.2kg)

Shipping Information
Shipping Weight: 36 lbs (16.3kg)
Dimensions: 5 Cu. ft.

Ordering Information
Catalog No. K17980
Corrosion Preventive Properties Apparatus, 115V 60Hz

K17989
Corrosion Preventive Properties Apparatus, 220-240V 50/60Hz

Accessories
K17981 Bearing Holder Assembly
K17981-0-2 Upper Flange
K17981-0-3 Lower Flange
K17982 Mechanical Grease Packer
K17983 Pliers
K17984 Plastic Jar
289-004-002 Test Bearing

K17970 Corrosion Preventive Properties Apparatus (Alternate Method), 115V 60Hz

K17979 Corrosion Preventive Properties Apparatus (Alternate Method), 220-240V 50/60Hz

Accessories (Alternate Method)
K17900 Thrust Loading Device and Mechanical Grease Packer
K17910 Test Bearing
K17920 Bearing Supports
K17930 Container with Lid

Dimensions lxxwxxh, in.(cm)
7x12x93⁄4 (18x30x25)
Net Weight: 27 lbs (12.3kg)

Shipping Information
Shipping Weight: 36 lbs (16.3kg)
Dimensions: 5 Cu. ft.

Ordering Information
Catalog No. K17970
Corrosion Preventive Properties Apparatus (Alternate Method), 115V 60Hz

K17979 Corrosion Preventive Properties Apparatus (Alternate Method), 220-240V 50/60Hz

Accessories (Alternate Method)
K17900 Thrust Loading Device and Mechanical Grease Packer
K17910 Test Bearing
K17920 Bearing Supports
K17930 Container with Lid

Dimensions lxxwxxh, in.(cm)
7x12x93⁄4 (18x30x25)
Net Weight: 27 lbs (12.3kg)

Shipping Information
Shipping Weight: 36 lbs (16.3kg)
Dimensions: 5 Cu. ft.