
INSTRUCTION MANUAL

A-1600-LB1

CORELUBE GREASE SYSTEM

Apr. 2004

GENERAL DESCRIPTION

The CoreLube A-1600 primary objective is to coat EM cables and Wire Ropes with greases.

A-1600 DATA

A-1600 Cable Capacity:

Min. Cable Dia. 0.125" (3.2mm)
Max. Cable Dia. 2.500" (63.5mm)

Materials:

Polypropylene, Buna N,
Polyvinyl-Chloride(PVC),
Polyurethane, Brass, Copper,
Stainless Steel & Aluminum.

Weight:

Housing - 45 Lbs (21 Kg)
Pump - 20 Lbs (10 Kg)



AIR REQUIREMENT

Min. Air Capacity: 17 CFM @ 100 PSI
Min. Air Pressure: 70 PSI (480 kPa)
Max. Air Pressure: 200 PSI (1380 kPa)



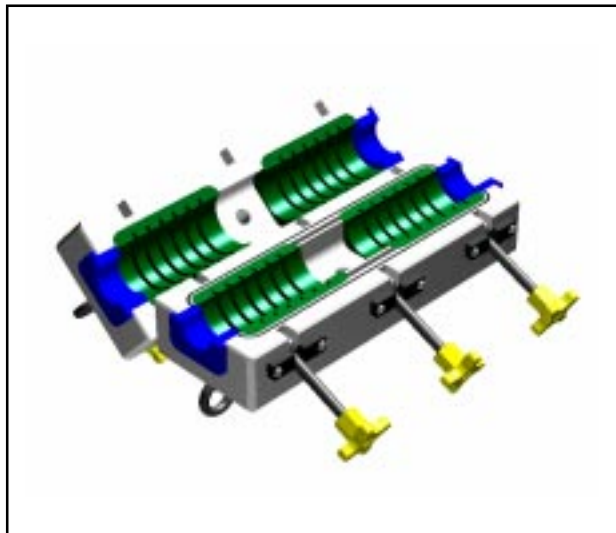
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OPERATING SAFETY PRECAUTIONS

- * Do not pump flammable materials through the system.
- * Do not smoke near the system when in operation.
- * Keep container away from open flame and sparks.
- * Heed all **Warnings & Cautions** listed in the Pump Operation Manual.

WARNING:

Do not use N-METHYLPYROLIDON to clean or purge the system.



OPERATING INSTRUCTIONS

STEP 1

Selecting the correct size Seal and Bushing to match your cable diameter.

Bushings are not required, but they do extend the life of the seals and work as a scraper to remove hard buildups on the cable.

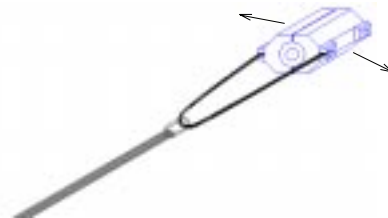
Note: Only (1) bushing is required at the leading end where the cable enters the housing.

A variance in tolerance of -3.0% is acceptable. The seal size is marked in decimal inches on its inner face.



STEP 2

- * Position the A-1600 housing around the wire rope and tighten. (Use a wrench) Check that the seal halves seal together.
- * Anchor the housing with chains or straps to a secure structure. Adjust the length of the chains or straps for an even pull on the housing.



When positioning the housing in front of a winch, anchor one chain or strap a sufficient distance away to allow the housing pan or move freely across the face of the drum.

STEP 3 Systems Operation.

First - Close the grease outlet valve.

Second - Adjust the air regulator to 60 PSI, run the pump slow at first.

Third - Open the grease outlet valve slowly and watch for the grease at the ends of the seals. When you see the grease starting to extrude out the ends of the seals **close** the grease valve.

Fourth - Open the grease valve slightly and start moving the cable through the housing slowly. Monitor the amount of grease being exuded out of the ends of the seals. Adjust the grease valve as the cable speed increases to maintain a good coverage. (Adjust the pump output according to the cable speed.)



CABLE GREASE INFORMATION

The A-1600 System is designed to apply wire rope greases only, it is not designed to apply wire rope oils. Temperature has a dramatic change on the lubricants viscosity.

STEP 5 Completion Steps

- **First** turn off the grease valve and turn down the air regulator pressure to zero.

- **Second** disconnect the grease hose and remove the housing from the cable.

Refer to pump Operator's Manual for more information.



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