

# SPECIAL PACKAGING INSTRUCTION

Form Approved  
OMB No. 0704-0188

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The public reporting burden for this collection of information is estimated to average 30 days per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports (0704-0188), 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302. Respondents should be aware that notwithstanding any other provision of law, no person shall be subject to any penalty for failing to comply with a collection of information if it does not display a currently valid OMB control number. **PLEASE DO NOT RETURN YOUR FORM TO THIS ADDRESS**

1. PART OR DRAWING NO. (CAGE) NOMENCLATURE <b>12311196 (19207) COOLER, FLUID, TRANSM</b>			2. CODE IDENT <b>19207</b>		3. SPI NO. <b>AK10673874</b>	
4. NATIONAL STOCK NUMBER <b>2520-01-067-3874</b>			5. DATE OF DRAWING <b>05/05/2010</b>		6. REVISION <b>F</b>	
7. QUP <b>1 EA</b>	8. ICQ <b>NONE</b>	9. UNIT PACK WT. (LB) <b>84.0</b>	10. UNIT PACK CU (CU FT) <b>3.087</b>		11. UNIT PACK SIZE (INCHES) <b>28.4 X 22.1 X 8.5</b>	
12. MILITARY PRESERVATION (METHOD) <b>MIL-STD-2073-1D, METHOD 20</b>			18. STEPS	19. REQ'D	20. DESCRIPTION <b>SEE NOTES</b>	
13. CLEANING <b>MIL-STD-2073-1D</b>						
14. DRYING <b>MIL-STD-2073-1D</b>						
15. PACKING						
a. LEVEL A <b>MIL-STD-2073-1D AND NOTE G</b>						
b. LEVEL B <b>MIL-STD-2073-1D AND NOTE G</b>						
16. MARKING <b>MIL-STD-129</b>						

17. NOTES / DRAWING
- A. FLUSH INTERIOR OF PART WITH PRESERVATIVE, ITEM 1, THEN DRAIN EXCESS. INSERT PLUG, ITEM 2, INTO EACH PORT OF PART. IF PART HAS BEEN RECEIVED PRESERVED AND PLUGGED, THEN FLUSHING AND PLUGGING STEPS MAY BE ELIMINATED.
  - B. WRAP PART WITH WRAP, ITEM 3, AND SECURE WITH A WEATHER RESISTANT TAPE.
  - C. COVER GRILL SURFACES OF THE WRAPPED PART WITH PAD, ITEM 4A. PLACE ONE PAD ON THE SURFACE SIDE WITH PORT AND TWO PADS ON THE OPPOSITE SIDE. SECURE IN PLACE WITH A WEATHER RESISTANT TAPE.
  - D. PLACE PADDED PART FROM NOTE C INTO CONTAINER, ITEM 5.
  - E. FILL VOIDS BETWEEN WRAPPED PART AND CONTAINER WITH PADS ITEMS 4B, 4C, AND 4D.
  - F. CLOSE CONTAINER IN ACCORDANCE WITH ASTM-D1974, METHOD 2B3.
  - G. LEVEL A: PACKING SHALL BE ACCOMPLISHED USING A CLEATED PLYWOOD BOX, CONFORMING TO ASTM-D6251, TYPE III, CLASS 1.  
LEVEL B: THE UNIT CONTAINER IS AN ACCEPTABLE LEVEL B SHIPPING CONTAINER WHEN SEALED AND REINFORCED IN ACCORDANCE WITH ASTM-D1974, METHOD 2C OR 2D.  
FOR BOTH LEVEL A AND LEVEL B, WHEN THE TOTAL QUANTITY TO BE SHIPPED TO THE SAME DESTINATION EXCEEDS 125 POUNDS, EXTERIOR PACKS WITHOUT SKIDS SHALL BE PALLETIZED. MIL-STD-147 MAY BE USED FOR GUIDANCE.
  - H. INSPECT THE PRESERVATION, THE UNIT PACK AND THE PACKING IN ACCORDANCE WITH MIL-STD-2073-1D AND THE APPLICABLE CONTAINER SPECIFICATION.

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## BILL OF MATERIALS

ITEM NUMBER	DESCRIPTION	SIZE	SPECIFICATION DATA	QTY.
1	PRESERVATIVE		MIL-PRF-32033	A/R
2	PLUG		NAS OR EQUIVALENT	2
3	WRAP	54 X 36	MIL-PRF-121, TYPE I, STRETCHABLE.	1
4	PAD		ASTM-D4727, TYPE CF, CLASS WR, VARIETY TW, GRADE 1100.	
4A		21 X 19		3
*4B		20 X 7-1/2		2
*4C		12 X 7-1/2		3
*4D		12 X 7-1/2		3
**5	CONTAINER	28 X 21-3/4 X 7-3/4	ASTM-D5118, TYPE CF, CLASS WR, STYLE RSC-L, VARIETY DW, GRADE V13c.	1

\* GLUE SPECIFIED QTY. OF EACH PAD TOGETHER TO FORM ITEMS 4B, 4C, AND 4D, USING A GOOD GRADE OF COMMERCIAL WATERPROOF ADHESIVE.

\*\* CONTAINER LINER TO BE MADE OF WEATHER RESISTANT, TRIPLE WALL, GRADE 1100, CORRUGATED.

### POSITIONING OF PADS

