

INCH-POUND

A-A-50202A

1 September 2011

SUPERSEDING

A-A-50202

6 May 1983

COMMERCIAL ITEM DESCRIPTION

PUMP, BUCKET, LUBRICATION, HAND-OPERATED

The General Services Administration has authorized the use of this Commercial Item Description (CID) as a replacement for MIL-P-13218 for all federal agencies.

1. SCOPE. This CID covers hand-operated portable bucket pumps furnished with a cover and locking device which fits and dispenses grease or oil from bulk or a standard 35-pound bucket container.

2. CLASSIFICATION. The pumps shall be of the following types (see 7.3):

Type I - Grease

Type II - Oil

3. SALIENT CHARACTERISTICS.

3.1 Design and construction.

3.1.1 Type I. Type I pumps shall be furnished with a hand-operated pressure pump, 10-foot length, heavy duty 3/8-inch internal diameter (ID) hose, follower plate, T-handle type nozzle and other required components. (Typical use: automotive, farm, construction type greases.)

3.1.2 Type II. Type II pumps shall be furnished with a hand-operated pressure pump, 5-foot length, 1/2-inch ID hose, gooseneck type nozzle and other required components. (Typical use: SAE 75W, 80W-90, 140W gear lubricants, automatic transmission fluids and motor oils.)

Beneficial comments, recommendations, additions, deletions, clarifications, etc. and any data that may improve this document should be sent to U.S. Army Tank Automotive Research, Development and Engineering Center, ATTN: RDTA-EN/STND/TRANS MS#268, 6501 E. 11 Mile Road, Warren, MI 48397-5000 or emailed to DAMI_STANDARDIZATION@conus.army.mil. Since contact information can change, you may want to verify the currency of this address information using the ASSIST Online database at <https://assist.daps.dla.mil>.

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3.2 Performance. The pumps shall meet the performance requirements of Table I while using the following lubricants:

Type I - use lubricant conforming to MIL-PRF-10924

Type II - use grade SAE 75W or SAE 80W-90 gear lubricant conforming to SAE J2360

Table I. Pump performance requirements.

| Function | Type I | Type II |
|---|---|--|
| Minimum rate of discharge (at 70 °F) | 8 ounces (oz.) per minute with maximum of 50 strokes | 2.5 pounds (lb.) per minute with maximum of 50 strokes |
| Minimum rate of discharge (at 0 °F) | 7 oz. per minute with maximum of 50 strokes | 1.75 lb. per minute with maximum of 50 strokes |
| Minimum rate of discharge (at minus (-) 25 °F) | 4 oz. per minute with maximum of 50 strokes | 1 lb. per minute with maximum of 50 strokes |
| Minimum rate of discharge (at back pressure of 5000 pounds per square inch gauge (psig) at 70 °F) | 1 oz. in not more than 30 seconds with continuous pumping | No requirement |
| Maximum static pressure developed by pressure pump (at all specified temperatures) | 7000 psig | 500 psig |

3.3 Identification and marking. Each pump shall be marked for identification with the National Stock Number (see 7.3).

4. REGULATORY REQUIREMENTS

4.1 Recovered material. The offeror/contractor is encouraged to use recovered materials to the maximum extent practicable, in accordance with paragraph 23.403 of the Federal Acquisition Regulation (FAR).

5. PRODUCT CONFORMANCE PROVISIONS

5.1 Responsibility for inspection. The contractor is responsible for the performance of all inspections (examinations and tests).

5.2 Contractor certification. The contractor shall certify and maintain substantiating evidence that the product offered meets the salient characteristics of this CID and that the product conforms to the producer's own drawings, specifications, workmanship standards, and quality assurance practices. Items with known defects shall not be submitted for Government

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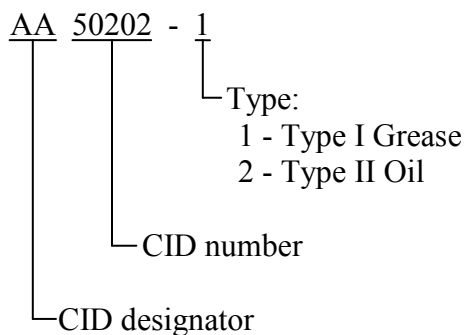
acceptance. The Government reserves the right to require proof of such conformance prior to the first delivery and thereafter as may be otherwise provided for under the provisions of the contract.

6. PACKAGING. Preservation, packaging, packing, labeling and marking for the desired level shall be as specified in the contract (see 7.3).

7. NOTES

(This section contains information of a general or explanatory nature that may be helpful, but is not mandatory.)

7.1 Part or Identification Number (PIN). The following part or identification numbering procedure is for government purposes and does not constitute a requirement for the contractor.



7.2 Addresses for obtaining copies of referenced documents.

7.2.1 Government publications. Copies of MIL-PRF-10924, “Grease, Automotive and Artillery”, are available from <https://assist.daps.dla.mil/quicksearch/> or from the Standardization Document Order Desk, 700 Robbins Avenue, Building 4D, Philadelphia, PA 19111-5094. The Federal Acquisition Regulation (FAR) may be obtained from <http://www.acquisition.gov/far/>.

7.2.2 Non-Government publications. Copies of SAE J2360, “Lubricating Oil, Gear Multipurpose (Metric) Military use”, are available from www.sae.org or SAE Customer Service, 400 Commonwealth Drive, Warrendale, PA 15096-0001.)

7.3 Ordering data. Acquisition documents should specify the following:

- a. Title, number, and date of this CID.
- b. If required, the specified issue of individual documents referenced.
- c. Type, National Stock Number (NSN), and quantity of pumps required (see 2 and 3.3).
- d. Selection of applicable level and packaging requirements (see 6).

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7.4 Cross reference. Pumps conforming to this CID are interchangeable or substitutable with pumps conforming to MIL-P-13218.

7.5 Changes from previous issue. Marginal notations are not used in this revision to identify changes with respect to the previous issue due to the extent of the changes.

Custodians:

Army - AT

Navy - YD

Air Force - 99

Review Activity:

DLA - CC

Navy - MC

Preparing Activity:

Army - AT

Agent Activity:

DLA - CC

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