

# Sampling and Handling of Packaged Petroleum Products for Shelf-Life Update \*

## PROVIDES:

- Shelf-Life Definitions
- Procedures for Shelf-Life Extension
- Sampling Procedures

## DEFINITIONS

**Shelf-Life Item.** An individual item of supply having deteriorative or unstable characteristics, to the degree that a storage time period must be assigned. These items must be inspected to ensure they will perform satisfactorily while in service. There are two types of shelf-life items.

**Type I Shelf-Life Item.** An individual item of supply which is determined through an evaluation of technical data and/or actual experience to be an item with a definite non-extendable period of shelf-life.

**Type II Shelf-Life Item.** An individual item of supply having an assigned shelf-life time period that may be extended after completion of inspection, test or restorative action.

**DoD Quality Status List (QSL).** A listing containing shelf-life information to determine if Type II (extendable) shelf-life material may continue to be used.

Defense Supply Center Richmond (DSCR) is the cognizant Supply Center for packaged petroleum products.

\* Abstracted from DLAR 4155.37 Appendix G

## TESTING REQUIREMENTS

Prior to submission of samples for testing, or prior to reclassification of condition codes, the storage activity will consult the DoD QSL to determine status of the particular batch/lot number under a specific contract.

**IF** the extension data is listed in the QSL, **THEN** update the stock accordingly.

**IF** the QSL indicates condition code "H", **THEN** dispose of the stock through Defense Reutilization and Marketing Office (DRMO) in accordance with local procedures.

**IF** the item is not listed in the QSL, **THEN** contact the appropriate focal point listed in this document.

## SAMPLING PROCEDURES

### Sample Size

When instructed to submit a sample, the sample size shall be as follows:

LIQUID	
<u>Unit of Issue</u>	<u>Sample Size</u>
Less than QT	4 QT
QT	4 QT
GL	1 GL
55 gal DR	1 GL
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SEMI-SOLID	
<u>Unit of Issue</u>	<u>Sample Size</u>
Less than LB	4 LB
LB	4 LB
CN/CO (5 LB)	1 CO (5 LB)
DR (120 lb)	5 lb

**NOTE:** For container sizes not listed in this table contact the appropriate focal point listed in this document for instructions.

### Sample Containers

1 Gallon Fuel Can	8110-01-371-8315
1 Gallon Grease Can	8110-00-178-8292

### Supplemental Instructions

Except for liquids in 55-gallon drums, and semi-solids in 35-pound cans or 120-pound drums, all samples must be submitted in the original unopened container.

**For 55 gal Drums** - A 1-gallon sample representing all levels shall be taken. Agitate drum by turning on drum roller (if available) for a minimum of two minutes. If a drum roller is not available, lay the drum on its side and roll the drum for a minimum of twenty feet in two directions to agitate. After agitation, stand the drum on end and immediately draw one gallon using a drum sample thief (NSN 6695-00-512-1816). Take an all-level sample by inserting the drum thief into the product and allowing the product to fill as the thief is lowered to the bottom. Place thumb over the end of the thief, remove the thief and empty the contents into a clean one-gallon sample can. Repeat the sampling process until the sample can is approximately 90% full. Pack and mark for shipment to the laboratory.

**For Super Clean Fluids** - Super Clean fluid is a fluid having a specified particulate contamination limit which is so low that the product is packaged in hermetically sealed containers under clean room conditions. Material **will not** be extracted from original containers. The following specifications are for Super Clean products: MIL-PRF-6081, MIL-PRF-6083, MIL-PRF-7808, MIL-PRF-17672, MIL-H-5606, MIL-PRF-23699, MIL-H-46170, MIL-PRF-83282, DOD-L-85734 and MIL-PRF-87257.

Notify DSCR when 55-gallon drums of Super Clean materials are due for retest.

## Sample Identification

Samples will be identified by means of an attached tag containing the following information:

- (a) National Stock Number (NSN)
- (b) Specification with Revision
- (c) Contractor and Contract Number
- (d) Product Batch, Lot Number or Emulsion Number
- (e) Size of Sample
- (f) Quantity in Storage
- (g) Submitter's Sample Number
- (h) Product Nomenclature
- (i) Activity/Submitter Telephone Number
- (j) Date Sampled
- (k) Qualification Number (if available)
- (l) DSCR Control Number (if applicable)

For DLA activities, the DD Form 1222, Request for and Results of Test, will be prepared in accordance with DLAM 4140.2, Vol III, Appendix E033P.

For Military Services, base/unit level, forms AFTO 475, DD Form 1884, or DD Form 1222 are acceptable.

## **VISUAL INSPECTION**

Shelf-Life material not requiring laboratory testing shall be subject to visual inspection.

For Base and Unit Level activities: Visual inspection consists of checking for leakage, corrosion, correctness and legibility of markings, and the general condition of the container.

For Wholesale and Retail activities: Inspect in accordance with DLAR 4155.37 Materiel Quality Control Storage Standards.

## **FOCAL POINTS**

**Army:** U.S. Army Petroleum Center  
LRO Division  
ATTN: SATPC-L  
New Cumberland, PA. 17070-5008  
DSN: 977-5868  
Commercial: (717) 770-5868  
FAX: DSN 977-4230

**Navy:** Navy Petroleum Office  
8725 John J. Kingman Road  
Suite 3719  
Ft. Belvoir, VA. 22060-6224  
DSN: 427-7341  
Commercial: (703) 767-7341  
FAX: DSN 427-7389

**Air Force:** San Antonio Air Logistics Center  
ATTN: SA-ALC/SFTT  
1014 Billy Mitchell Blvd., STE I  
Kelly AFB, TX 78241-5603  
DSN: 945-7615  
Commercial: (210) 925-7615  
FAX: DSN 945-9964

**DLA:** Defense Supply Center Richmond  
ATTN: DSCR-JDTA  
8000 Jefferson Davis Highway  
Richmond, VA 23297-5000  
DSN: 695-5173  
Commercial: (804) 279-5173  
FAX: DSN 695-4370

## **QUALITY STATUS LIST REQUESTS**

Hardcopy - DSN: 695-4746  
Commercial: (804) 279-4140

On-Line - DSN: 695-4740  
Commercial: (804) 279-4740

QSL Internet Address:  
<http://www.dscr.dla.mil/qs/qs.htm>

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