



Standard Specification for Tanks, 5 and 10-Gal (20 and 40-L) Lube Oil Dispensing¹

This standard is issued under the fixed designation F 670; the number immediately following the designation indicates the year of original adoption or, in the case of revision, the year of last revision. A number in parentheses indicates the year of last reapproval. A superscript epsilon (ϵ) indicates an editorial change since the last revision or reapproval.

This standard has been approved for use by agencies of the Department of Defense.

~~^{ε1}Note—Section 9 was added editorially in December 1994.~~

1. Scope

~~1.1 This specification covers the material, dimensions, and construction of 5 and 10-gal (20 and 40-L) tanks purchased to store and dispense lubricating oils. The tanks are industrial safety cans mounted on a T-bar bracket, complete with drip tray. Fig. 1. They meet or exceed current marine safety regulations.~~

~~1.2 This equipment design has been shock tested in accordance with MIL-S-901 as follows:~~

~~1.2.1 Grade B;~~

~~1.2.2 Light weight;~~

~~1.2.3 Mounting fixture (4A);~~

~~1.2.4 Class I, and~~

~~1.2.5 Test Report No. (Letter N-2027/9936 SER 200-4622, dated Sept. 24, 1985).~~

~~1.3 The values stated in inch-pound units are to be regarded as the standard. The values given in parentheses are for information only.~~

~~1.1 This specification covers the material, dimensions, and construction of 5 and 10-gal (20 and 40-L) tanks purchased to store and dispense lubricating oils. The tanks are industrial safety cans mounted on a T-bar bracket, complete with drip tray. .~~

~~1.2 The values stated in inch-pound units are to be regarded as the standard. The values given in parentheses are for information only.~~

~~1.3 This standard does not purport to address all of the safety concerns, if any, associated with its use. It is the responsibility of the user of this standard to establish appropriate safety and health practices and determine the applicability of regulatory limitations prior to use.~~

2. Referenced Documents

2.1 ASTM Standards:²

~~A36/A36M Specification for Structural Steel—36/A 36M Specification for Carbon Structural Steel~~

~~A 108 Specification for Steel Bars, Carbon, Cold-Finished, Standard Quality—Specification for Steel Bar, Carbon and Alloy, Cold-Finished~~

~~A 164 Specification for Electrodeposited Coatings of Zinc on Steel³~~

~~A 167 Specification for Stainless and Heat-Resisting Chromium-Nickel Steel Plate, Sheet, and Strip~~

~~A 308/A 308M Specification for Steel Sheet, Cold-Rolled, Long-Terne (Lead-Tin Alloy) Coated by the Hot-Dip Process~~

~~A 569/A569M Specification for Steel, Carbon (0.15 Maximum, Percent), Hot-Rolled Sheet and Strip Commercial Quality⁷~~

2.2 Military Standard:

~~MIL-S-901 Requirements for Shock Test, High-Impact, Shipboard Machinery, Equipment and Systems—569/A 569M Specification for Steel, Carbon (0.15 Maximum, Percent), Hot-Rolled Sheet and Strip Commercial⁰~~

⁴ This specification is under the jurisdiction of ASTM Committee F-25 on Shipbuilding and is the direct responsibility of Subcommittee F25.03 on Outfitting. Current edition approved March 27, 1987. Published August 1987. Originally published as F670-80. Last previous edition F670-80(1984).

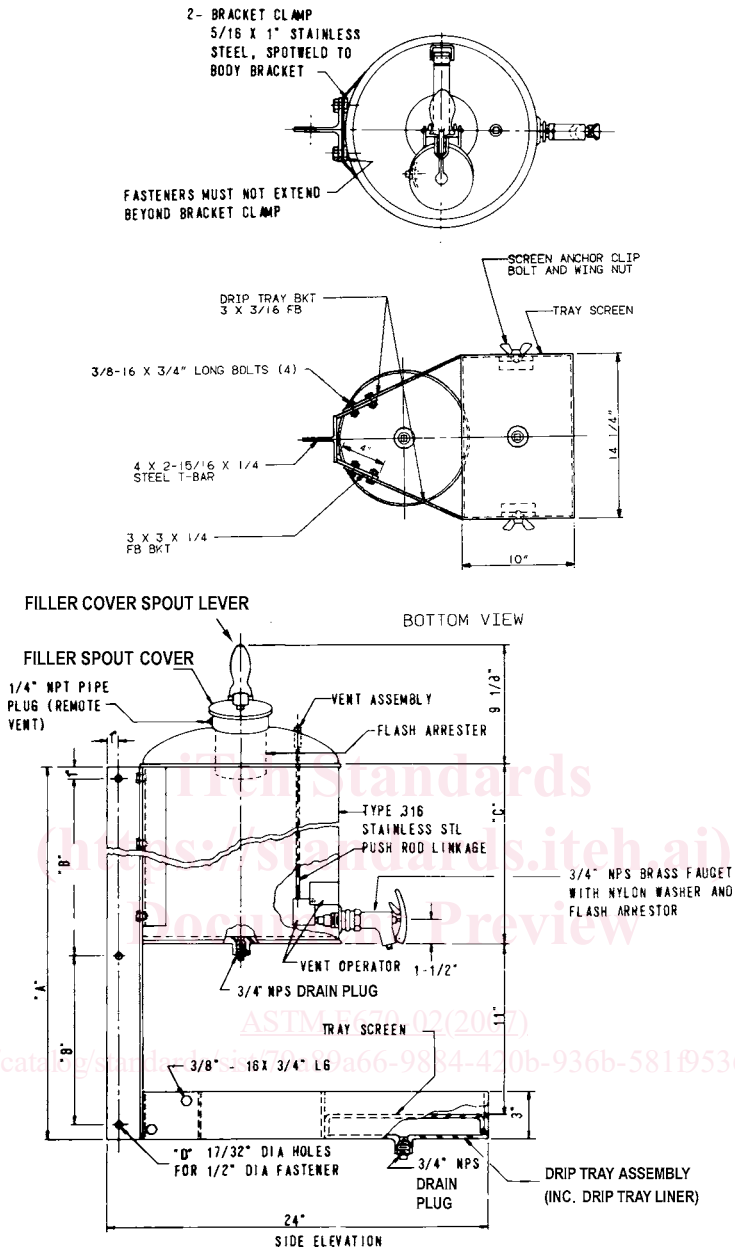
¹ This specification is under the jurisdiction of ASTM Committee F25 on Ships and Marine Technology and is the direct responsibility of Subcommittee F25.03 on Outfitting and Deck Machinery.

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³ Regulations Governing Use of Dangerous Articles as Ship's Stores and Supplies on Board Vessels, available from Standardization Documents Order Desk, Bldg. 4 Section D, 700 Robbins Ave., Philadelphia, PA 19111-5094, Attn: NPODS.

² For referenced ASTM standards, visit the ASTM website, www.astm.org, or contact ASTM Customer Service at service@astm.org. For Annual Book of ASTM Standards volume information, refer to the standard's Document Summary page on the ASTM website.

³ Withdrawn



Dimensions

Size	A Height, in.	B Bolt Hole Spacing, in.	C Tank Height, in.	D Number of Bolt Holes	Weight, lb	
					Dry	Wet (Water)
5-gal	22 1/2	10 1/2	9 7/8	3	39	81
10-gal	33 3/4	10 1/2	20 7/8	4	49	132

Note 1—Dimensions and construction for guidance only.
 Note 2—1 in. = 25.4 mm.
 Note 3—1 lb = 0.4536 Kg.

FIG. 1 Dimension of Tank