A Program of ASTM International

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T-12 Information Letter 14-2
Sequence No. 14
May 6, 2014

ASTM consensus has not been obtained on this information letter. An appropriate ASTM ballot will be issued in order to achieve such consensus.

TO: Mack Mailing List

SUBJECT: Clarification of Auxiliary Oil System Line Sizes

Via email ballot it is was decided to change the T-12 test method to clarify the required size of the supply and return lines for the T12 auxiliary oil system. Section 6.2.3.1 has been modified and is attached. Figure A1.1 has been updated and is attached as well. This change is effective April 28, 2014.

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Attachment
c: ftp://ftp.astmtmc.cmu.edu/docs/diesel/mack/procedure_and_ils/T-12/il14-2.pdf

Distribution: Email

(Revises D7422-13 as amended by Information Letters 13-1, 13-2 and 14-1)

6.2.3.1 To maintain a constant oil level in the pan, provide an additional 9.5 L sump by using a separate closed tank connected to the sump. Circulate oil through the tank with an auxiliary pump. The system schematic is shown in Fig. A1.1. The supply line to the tank from the sump is to have an inside diameter of 13 mm. The return line from the tank to the sump is to have an inside diameter of 10 mm. Use a vent line with a minimum inside diameter of 13 mm.

ANNEXES

(Mandatory Information)

A1. SYSTEM SCHEMATICS AND SENSOR LOCATIONS

A1.1 Properly locating the sensor devices is important to this test. The following figures indicate the sensor locations for the T-12 engine components. See Figs. A1.1-A1.17.

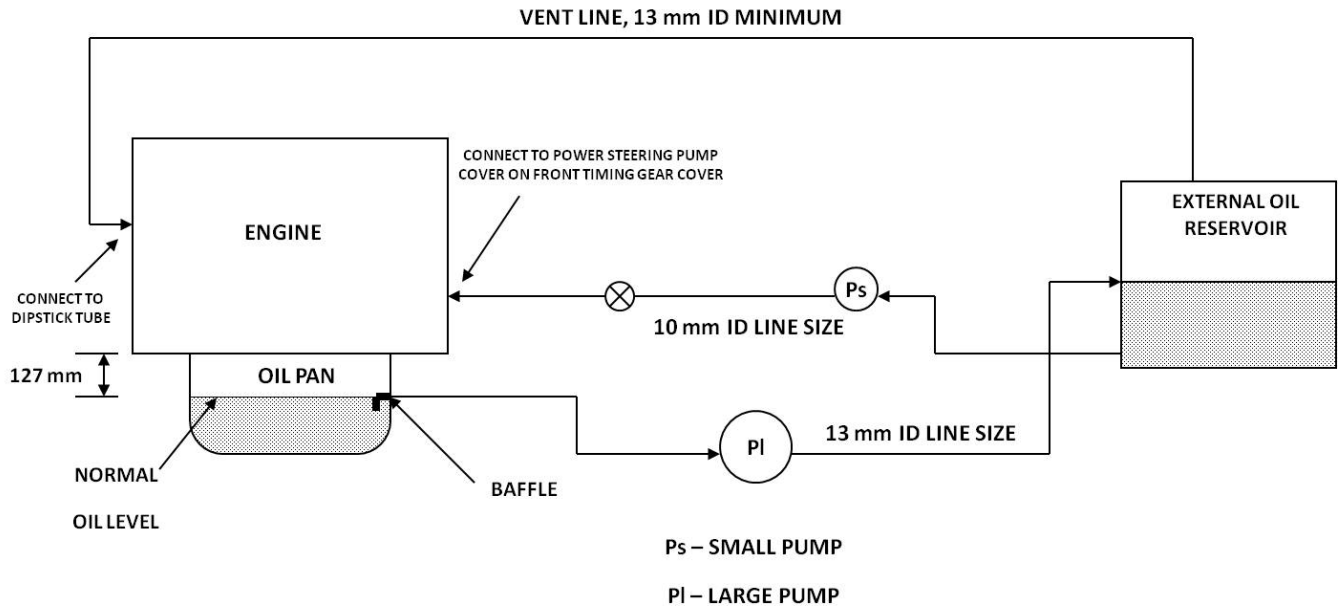

FIG. A1.1 Auxiliary Oil System