



Test Monitoring Center

6555 Penn Avenue
Pittsburgh, PA 15206-4489
(412) 365-1000

T-10 INFORMATION LETTER 03-1
Sequence No. 3

February 14, 2003

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: 1. Oil Pump part number
2. Thrust washers
3. Connecting rod bearing part number

1. Section 6.2.10 has been added to the test procedure to clarify the oil pump to be used for the T-10 test. Annex A2 has been modified to indicate the oil pump supplier.

2. The thrust washers have been added to the parts to be replaced at each rebuild. Sections 8.5.1.5 and 8.5.2.13 have been added and Table A2.1, Annex A2 has been modified accordingly.

3. The connecting rod bearing part numbers have been updated. Table A2.1, Annex A2 has been modified accordingly.

The new and modified sections of the procedure are attached. The updated version of the test procedure, Draft 8a, is available in its entirety from the TMC web site (ftp://ftp.astmtmc.cmu.edu/docs/diesel/mack/procedure_and_ils) or by contacting the TMC for a hardcopy.

Greg Shank
Senior Project Engineer
Mack Trucks, Inc.

John L. Zalar
Administrator
ASTM Test Monitoring Center

Attachment

c: ftp://ftp.astmtmc.cmu.edu/docs/diesel/mack/procedure_and_ils/T-10/il03-1.pdf

Distribution: Email

6.2.10 Oil Pump

Use a Mack P/N 315GC465BM oil pump. The oil pump is available from the supplier listed in A2.2, Annex A2.

8.5.1.5 Thrust Washers

Install new thrust washers for each test.

8.5.2.13 Thrust washers

A2.2 The test engine (P/N 11GBA81025) is available from:
Mack Trucks, Inc.
13302 Pennsylvania Avenue
Hagerstown, MD 21742

The oil pump and the parts shown in Table A2.1 are available from:
Test Engineering, Inc.
12718 Cimarron Path
San Antonio, TX 78249-3423

**TABLE A2.1
NEW PARTS FOR EACH REBUILD**

PART NAME	MACK PART NUMBER	QUANTITY
1. Cylinder liners	509GC471	6
2. Piston Assembly	240GC2256M	
Piston Crown	240GC5114M	6
Piston Skirt	240GC5119M	6
3. Piston Ring Set	353GC2141	
#1 Compression ring	349GC3107	6
#2 Compression ring	349GC3108	6
Oil ring	350GC343	6
4. Overhaul gasket sets	57GC2176	2
	57GC2178A	1
	57GC2179	1
5. Spin-on filters	485GB3191C	2
Centrifugal filter cartridge	239GB244B	1
6. Engine coolant conditioner	25MF435B	1
7. Primary fuel filter	483GB470AM	1
8. Secondary fuel filter	483GB471M	1
9. Valve guides	714GB3103	24
10. Valve stem seals	446GC328	6
11. Connecting rod bearings	62GB2396A	6
12. Main Bearings	57GC387	7
13. Thrust Washers	714GC45	2
	714GC46	2

A P/N 57GC3116 Cylinder Rebuild Kit contains items 1, 2, and 3. Six kits are required per engine rebuild. A P/N 57GC2177B Filter Kit contains items 5, 6, 7, and 8. A P/N 62GB2396A Service Bearing Pair contains one each of the upper and lower connecting rod bearings (item 11).