

Obs	effective_date	info_letter_number	event
1	19990924	99-1	Calibration Requirements
2	19990924	99-1	Alternative Cooling System
3	19990924	99-1	Fuel Injector Flow Procedure
4	19990924	99-1	Maintenance Log
5	19990924	99-1	Coolant Flow Measurement Device Calibration Revision
6	19990924	99-1	Preparation of Oil Charge
7	19990924	99-1	Recording Compression Pressures
8	19990924	99-1	Ignition Timing Checks
9	19990924	99-1	Valve Stem Seal Replacement
10	19990924	99-1	Alternative Oil Filter
11	19990924	99-1	Engine Serial Numbers
12	19990924	99-3	Valve Stem Seal Part Number
13	19991015	99-2	Tests Terminated Due to an FEI Test Result
14	19991015	99-2	Exhaust Back Pressure Calibration
15	19991015	99-2	Instrumentation Calibration Requirement
16	19991015	99-2	Eaton Dynamometer
17	19991015	99-2	New Flush Oil (BCFHD) and Flush Procedure
18	19991015	99-2	Micro Motion Model CMF010
19	19991015	99-2	Kinematic Viscosity Measurements
20	19991015	99-2	Report Forms and Data Dictionary Revision 19990625
21	19991015	99-2	BC Shift Requirements
22	20000207	00-1	Oil sight glass calibration
23	20000207	00-1	Revised Figure A2.22
24	20000207	00-1	Revised flush effective procedure
25	20000207	00-1	Coolant flush procedure
26	20000207	00-1	Oil consumption validity interpretation
27	20000207	00-1	Load cell temperature specification
28	20000410	00-2	Valve Spring Replacement
29	20000524	00-3	Eliminate Baseline Shift Criteria
30	20000601	00-3	Maximum Allowable Oil Consumption Test Limit
31	20000601	00-3	Oil Samples
32	20000601	00-3	Revised Blow-by and Crankcase Ventilation System
33	20000801		A task force was appointed by the VIB Surveillance Panel to address lab differences with oil
34	20000801		consumption and FEI severity. Information Letter 00-4 was a result of the lab visit discrepancies.
35	20000807	00-3	Fuel Injector Calibration
36	20000807	00-3	Dynamometer Replacement
37	20000807	00-3	Engine Break-in Stand Requirements

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38	20000807	00-3	Removal of Ford Wiring Harness Diagram
39	20000807	00-3	Addition of Alternative Injector Wiring Harness Part Numbers
40	20000807	00-3	Addition of Alternative HEGO Sensor Part Numbers
41	20000807	00-3	Addition of Alternative Throttle Body Adapter Part Number
42	20000807	00-3	Visteon EEC Control Module
43	20000901	00-3	Barometric Pressure
44	20000915	00-4	Increase Oil Charge to 6.0 Liters
45	20000915	00-4	Revise Oil Level/Sight Glass Calibration Procedure
46	20000915	00-4	Oil Pan Level Requirement
47	20001116	01-1	Reduced Calibration Frequency
48	20001117	01-1	Validity Interpretation During BSFC Measurement Cycle
49	20001117	01-1	Reporting Stage Restarts or Any Test Time Deviations
50	20001117	01-1	Alternate HEGO Sensor Part Number
51	20001117	01-1	Revisions to New Engine Cyclic Break-in
52	20010301	01-1	Revisions to Test Length Calculation and Reporting Format
53	20010301	01-1	Additional Oil Analysis Requirements
54	20010822	01-2	Allowed replacement of tensioners with subsequent reference oil test
55	20010822	01-2	Defined maximum test length as 150 hours
56	20010822	01-2	Defined off test time and allow no more than 2 hours of off test time during Phase I and II aging
57	20010822	01-2	Added reference to Ford 543 engine assembly manual
58	20010822	01-2	Refined oil analysis procedure for THHS, CCS Viscosity, Frinfrared for Oxidation & Nitrationction Coefficient by HFRR, Fuel dilution and I
59	20010822	01-2	Correction of supplier info in X1.3 and X1.19
60	20011005	01-3	Pressurization of cooling system
61	20011005	01-3	Deleted requirement to measure blowby
62	20011005	01-3	Revised load cell temperature delta from 3 deg C to 6 deg C in 6.4.2.3
63	20011005	01-3	Corrected fuel supplier name and address in Section 7.2 and Footnote 15
64	20011129	01-4	Added provision for VIBSJ Test
65	20011207	01-5	Revised AFR limits from 14.25:1 - 15.25:1 to 14.00:1 - 15.00:1
66	20020405	02-1	Allowed replacement of timing chain as part of tensioner
67	20020405	02-1	Revised procedure to require viscosity measurements for both reference and non reference oil tests
68	20020712		Target Update, reference oil 538 (n=20)
69	20021016		Target Update, reference oil 538 (n=30)
70	20021114		Target Update, reference oil 1008-1 (n=10)
71	20030327	03-1	Updated Test Method D6837 to incorporate info letter 02-1 and to remove remedial statements
72	20030521		Target Update, reference oil 1008-1 (n=20)
73	20030618	03-2	Dropped requirements to monitor HTHS, CCS, FC by HFRR and INI and INO

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74	20030703		Target Update, reference oil 1008-1 (n=30)
75	20040101	03-3	Added reference to fuel spec, replaced Aliphatic Naptha with Type II Class C solvent
76	20040130	04-1	Accepted several new models of micro motion transmitters for use in VIB procedure
77	20040130	04-1	Changed calibration requirements for oil heater T/C
78	20040130	04-1	Made editorial changes relating to precision statement
79	20040714	04-2	Added MotorCraft AGSF32FM spark plug to procedure
80	20040714	04-2	Allowed replacement of rear crank seal
81	20040714	04-2	Editorial changes to precision statements
82	20040921	04-3	Revised calibration frequency for coolant flow thermocouples and other instrumentation
83	20040921	04-3	Revised the reference period for calibrated stands to add engine hour requirements
84	20041021	04-4	Modified procedure to allow flush cart for coolant flush
85	20041214	04-5	Revised Section 7.4.2 to require degreasing solvent meeting D235 for Aromatics, flash point and color. Also requires certificate for each solvent batch
86	20050719	05-1	Added Throttle body F3PZ-9E926NA to test Method
87	20050719	07-1	Added Spark Plug SP432 to test Method
88	20071115		Initial Targets, Reference oil 538-1 (n = 7)
89	20071203		Initial Targets, Reference oil 539 (n = 7)
90	20080103		Target update, Reference oil 539 (n = 10)
91	20080205		Target update, Reference oil 538-1 (n = 10)
92	20090211		Target update, Reference oil 538-1 (n = 20)
93	20090326		Target update, Reference oil 539 (n = 20)
94	20090818	09-1	Deleted requirement to send final report to TMC