



Andhra Pradesh State Road Transport Corporation
Office of the Managing Director, Bus Bhavan, Hyderabad - 500 0624.

No: OP5/462(2)/2015-MED

CIRCULAR No.11/2015-MED, Dated.17.04.2015.

Sub: MAINTENANCE - Communication of enhanced engine oil drain period of 40,000 kms for Tata 1512 TC BS-III New Recipe Engine fitted vehicles -Reg.

- Ref: 1. Circular No.03/2011-MED Dt.07.03.2011.
2. E.Mail received from M/s TML, Dt.23.03.2015 & 10.04.2015.

Vide circular 1st cited , detailed guide lines were issued by H.O on the maintenance of Tata 1512C BS-III (130 HP) buses fitted with Cummins 6BTAA engines and communicated the recommended lubricating oils for various aggregates along with prescribed drain periods.

Now M/s Tata Motors Limited has informed that they have modified the present 6BTAA TC BS-III engine by making changes in design of Piston, Piston rings, FIP and Injector Nozzles (NRE Kit) and enhanced engine oil drain period from 9,000 kms (City) and 18,000 kms (Dist.) to 40,000 kms for all 1512C BS-III vehicles fitted with these OE New Recipe Engines.

S.N.	Application	Oil changing frequency			
		Existing	New		
			First	Second	Subsequent
1	Bus - Long Route	18,000 Kms	40000 Kms		
2	Bus - Pallevelugu	18,000 Kms	20000 Kms	20,000 Kms	40,000 Kms
3	Bus - City Route	9,000 kms	20000 Kms	20,000 Kms	40,000 Kms

This enhanced oil drain interval is applicable with the use of API CI4 PLUS SAE 15W40 Engine oil and the Venturi Combo Oil Filter.

The following items of New Recipe Engines are not interchangeable with Old 6BTAA BS-III engine and the field managers are advised to take utmost care while replacing them as the performance of the engines will be affected.

S.No	Description	Part No.
1	Engine Piston Kit (STD)	2786 0399 0150
2	Piston Ring Set (STD)	2786 0399 0153
3	Fuel Injection Pump	0 460 426 523
4	Injector Nozzle Holder Assy.	0 432 191 215
5	Injector Nozzle	0 433 172 377

The enhanced engine oil drain period of 40,000 kms can be adopted for all 1512C BS-III vehicles with New Recipe Engines supplied to depots after 1st April 2013 onwards. The depot wise list of vehicles fitted with N.R Engines (Upto DEC'2014) is enclosed herewith.

Hence, all the Depot Managers and Maintenance Incharges are advised to implement the EOC kms as per the enclosed statement with immediate effect. All the Dy.CMEs are advised to ensure implementation of the above instructions at all the depots under their jurisdiction without any deviations.


EXECUTIVE DIRECTOR (Enng.) 17/14/15

Encl: As above

To

All Depot Managers.

Copy to: Dir (V&S), ED (HRD& Medical, Secy to corp.), ED (O&MIS), ED (A&P), FA&CAO for infn.

Copy to: All EDs (Zones) for information.

Copy to: All RMs & HODs for necessary action.

Copy to: CME(O), CE(IT), CCOS, CA, CFM, CME(C&B), CPM, CM (HRD) & CM(AS) for information.

Copy to: All DyCMEs, Dy.CME(IT), WMs, COSs & Dy.CAOs for necessary action.

Copy to: All Principals of ZSTCs & TA/HPT for information.

Copy to: All Maintenance In-charges of Tata Depots for necessary action.

Copy to: Resident Audit Officer, A.G Audit, Bus Bhavan for information.

Copy to: In-charge, Manual Section for record.

LIST OF VEHICLES FITTED WITH 1512 TC BS-III NEW RECIPE ENGINE FROM APR'2013 ONWARDS

SL NO	Region	Depot	Vehicle No	EngineNo
1	ATP	HINDUPUR	AP02Z0298	41D84159698
2	ATP	HINDUPUR	AP02Z0299	31E84111229
3	ATP	HINDUPUR	AP02Z0300	31E84111236
4	ATP	KADIRI	AP02Z0303	41D84159613
5	ATP	KALYANDURG	AP02Z0304	41D84157432
6	ATP	TADIPATRI	AP02Z0302	41D84159699
7	ATP	URAVAKONDA	AP02Z0305	41D84159760
8	EG	ELESWARAM	AP05Z0159	31M84137421
9	EG	ELESWARAM	AP05Z0160	31L84135212
10	EG	GOKAVARAM	AP05Z0161	31M84138925
11	GNT	G U N T U R-2	AP07Z0320	41D84160099
12	GNT	MACHERLA	AP07Z0319	41D84159724
13	GNT	MACHERLA	AP07Z0321	41D84158405
14	GNT	NARASARAOPET	AP07Z0324	41D84159606
15	GNT	SATTENAPALLI	AP07Z0323	41D84159718
16	GNT	VINUKONDA	AP07Z0317	31E84111233
17	GNT	VINUKONDA	AP07Z0318	31E84110687
18	KDP	PULIVENDULA	AP04Z0154	41D84159601
19	KRNL	ATMAKUR (K)	AP29Z3853	31C84099741
20	KRNL	NANDYAL	AP21Z0586	41D84159722
21	NEC	PARVATHIPURAM	AP35Z0074	31L84137103
22	NEC	S A L U R	AP35Z0073	31M84137416
23	TPT	ALIPIRI	AP03Z5227	41H84176436
24	TPT	CHITTOOR -I	AP03Z0085	31H84124838
25	TPT	CHITTOOR-2	AP03Z5220	41H84176557
26	TPT	KUPPAM	AP03Z0081	31G84121698
27	TPT	KUPPAM	AP03Z0089	41D84159720
28	TPT	KUPPAM	AP03Z0090	41D84159721
29	TPT	KUPPAM	AP03Z5222	41H84176907
30	TPT	MADANAPALLE-I	AP03Z5214	31J84125965
31	TPT	P U T T U R	AP03Z5204	31J84125967
32	TPT	P U T T U R	AP03Z5208	31H84122346
33	TPT	P U T T U R	AP03Z5213	31J84125955
34	TPT	P U T T U R	AP03Z5215	31H84122339
35	TPT	P U T T U R	AP03Z5228	41H84177242
36	TPT	P U T T U R	AP29Z3947	31M84138932
37	TPT	PILER	AP03Z5217	41H84176439
38	TPT	PILER	AP03Z5219	41H84177257
39	TPT	PILER	AP29Z3892	31H84122347
40	TPT	SRIKALAHASTI	AP03Z0086	31H84124863
41	TPT	SRIKALAHASTI	AP03Z5186	31H84123169
42	TPT	SRIKALAHASTI	AP03Z5189	31G84121260
43	TPT	SRIKALAHASTI	AP03Z5190	31H84125419
44	TPT	SRIKALAHASTI	AP03Z5197	31H84125264
45	TPT	SRIKALAHASTI	AP03Z5199	31G84122228

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SL NO	Region	Depot	Vehicle No	EngineNo
46	TPT	SRIKALAHASTI	AP03Z5200	31H84122277
47	TPT	SRIKALAHASTI	AP03Z5201	31H84125425
48	TPT	SRIKALAHASTI	AP03Z5202	31G84121257
49	TPT	SRIKALAHASTI	AP03Z5203	31G84121259
50	TPT	SRIKALAHASTI	AP03Z5205	31H84125068
51	TPT	SRIKALAHASTI	AP03Z5206	31G84121254
52	TPT	SRIKALAHASTI	AP03Z5207	31G84121258
53	TPT	TIRUMALA	AP03Z0082	31G84121706
54	TPT	TIRUMALA	AP03Z0083	31H84124834
55	TPT	TIRUMALA	AP03Z0084	31H84124846
56	TPT	TIRUMALA	AP03Z5184	31H84123168
57	TPT	TIRUMALA	AP03Z5185	31H84125429
58	TPT	TIRUMALA	AP03Z5187	31H84125431
59	TPT	TIRUMALA	AP03Z5188	31G84122236
60	TPT	TIRUMALA	AP03Z5191	31G84121251
61	TPT	TIRUMALA	AP03Z5192	31H84122340
62	TPT	TIRUMALA	AP03Z5193	31H84125624
63	TPT	TIRUMALA	AP03Z5194	31G84121253
64	TPT	TIRUMALA	AP03Z5195	31G84121252
65	TPT	TIRUMALA	AP03Z5196	31G84121261
66	TPT	TIRUMALA	AP03Z5198	31G84121255
67	TPT	TIRUMALA	AP03Z5211	31J84125958
68	TPT	TIRUMALA	AP03Z5212	31J84125961
69	TPT	TIRUMALA	AP03Z5218	41H84176905
70	TPT	TIRUMALA	AP03Z5221	41H84176906
71	TPT	TIRUMALA	AP03Z5223	41H84176563
72	TPT	TIRUMALA	AP03Z5224	41H84177247
73	TPT	TIRUMALA	AP03Z5225	41H84177252
74	TPT	TIRUMALA	AP03Z5226	41H84177250
75	TPT	TIRUMALA	AP03Z5229	41H84177245
76	TPT	TIRUPATHI	AP03Z5209	31G84122243
77	TPT	TIRUPATHI	AP03Z5210	31G84122227
78	TPT	TIRUPATHI	AP03Z5230	41H84176381
79	VJA	GUDIVADA	AP16Z0208	41D84159603
80	VJA	MACHILIPATNAM	AP16Z0203	31E84111222
81	VJA	MACHILIPATNAM	AP16Z0211	41D84159709
82	VJA	VIJAYAWADA	AP16Z0202	31E84110954
83	VSP	P A D E R U	AP31Z0217	31M84137412
84	VSP	P A D E R U	AP31Z0218	31M84137422
85	WG	J.R.GUDEM	AP16Z0204	41D84159605
86	WG	J.R.GUDEM	AP37Z0109	31L84137033
87	WG	J.R.GUDEM	AP37Z0110	31L84137037
88	WG	NARSAPUR	AP16Z0209	41D84158410
89	WG	NARSAPUR	AP16Z0210	41D84159704
90	WG	T.P.GUDEM	AP37Z0112	31M84138332
91	WG	TANUKU	AP16Z0207	41D84159614