

M.S.R.T. CORPORATION, ME DEPARTMENT, MUMBAI 400 008

Date: 3.11.2012

Ref. No. ST/ME/MNT/5426

The Works Manager
ST Central Workshop
Aurangabad/ Nagpur / Pune.

The Regional Manager [Atten : Regional Engineer]
ST Regional Office
Aurangabad / Mumbai / Nagpur / Pune / Nashik / Amravati.

The Divisional Controller [Atten: Mech. Engineer (OPN), Divisional Stores Officer]
ST Divisional Office,
Aurangabad/ Beed/ Jalna/ Latur/ Nanded/ Osmanabad/ Parbhani/ Mumbai / Palghar/ Raigad/ Ratnagiri/
Sindhudurg/ Thane/ Bhandara/ Chandrapur/ Wardha/ Nagpur / Kolhapur/ Pune/ Sangli/ Satara / Solapur /
Ahmednagar / Dhule/ Jalgaon/ Nashik / Akola / Amravati / Buldhana/ Yavatmal.

The Mech. Engineer (OPN),
ST Divisional Workshop,
Baramati / Shrirampur.

Sub: Details about recommended oils and oil change period for Tata 1512 BS III & Leyland BS III buses

Ref: (1) Our letter no. ST/ME/MNT/1809 dt. 4.5.2012.
(2) Latest circulars received from M/s. Tata Motors Ltd. and M/s. Ashok Leyland Ltd.

This is to inform you that vide above referred letter dt. 4.5.2012, oil drain period for Tata 1512 TC BS III fitted with 6 BT TC BS III engine was communicated as under..

Type of oil	Grade of oil	Drain Period	Remarks
Engine Oil and Oil Filter, (Common for LPO 1512 BS III and LPO 712 BS III)	SAE 15W40 CH4	Every 18,000 kms.	SAE 15W40 CH4 Engine Oil be used for the engines fitted with oil filter to OE Part No. 3937743.
Engine Oil and Oil Filter. (Only for LPO 1512 BS III fitted with 6BT Cummins Engine)	SAE 15W40 CI4 Plus	Every 18,000 kms.	SAE 15W40 CI4 Plus Engine Oil be used for the engines fitted with New Venturi Combo Engine Oil Filter to OE Part No. 2527 1813 0145.

Subsequent to above M/s. Tata Motors Ltd. have confirmed enhancement of drain period for 6BT BS III Engines. Further, M/s. Ashok Leyland Ltd. have also informed that the drain period for their BS III engines.

Accordingly, the revised drain period applicable for Tata 6BT BS III engines and Leyland BS III engines shall be as under:-

Type of oil	Grade of oil	Drain Period	Remarks
(I) For Tata 6BT BS III Engine fitted on LPO 1512			
Engine Oil and Oil Filter. (For LPO 1512 BS III)	SAE 15W40 CH4	Every 36,000 kms.	SAE 15W40 CH4 Engine Oil be used for the engines fitted with oil filter to OE Part No. 3937743.
Engine Oil and Oil Filter. (Only for LPO 1512 BS III fitted with 6BT Cummins Engine)	SAE 15W40 CI4 Plus	Every 40,000 kms.	SAE 15W40 CI4 Plus Engine Oil be used for the engines fitted with New Venturi Combo Engine Oil Filter to OE Part No. 2527 1813 0145.
(II) For Leyland BS III Engines			
Engine Oil and Oil Filter.	SAE 15W40 CH4	Every 40,000 kms.	SAE 15W40 CH4 Engine Oil

This circular is being issued based on the information given by M/s. Tata Motors Ltd. and M/s Ashok Leyland Ltd .

You are directed to implement above mentioned revised enhanced oil drain period with immediate effect.

Acknowledge the receipt of this letter.

Copy f.w.cs. to the General Manager (S&P) for information.

General Manager (ME)

General Manager (ME)



Maharashtra State Road Transport Corporation

Mechanical Engineering Department : Central Offices,
'Maharashtra Vahatuk Bhavan,' Dr. Anandrao Nair Marg,
MUMBAI - 400 008.

Telephone : 23023900 Fax : 23 00 43 10

Website: www.msrtc.gov.in

Our Ref No ST/ME/MNT/ 1165

Dtd 14th March 2013
15

To,
Works Manager, Central Workshop,
S T Dapodi, Pune, Nagpur and Aurangabad

The Regional Manager and Regional Engineer,
S.T. Mumbai, Nashik, Aurangabad, Pune, Amravati and Nagpur Region

The Divisional Controller and Mechanical Engineer (Opn),
ST Division, Mumbai/ Thane / Palghar/ Raigad/ Ratnagiri/ Sindhudurg/ Dhule/ Nasik/ Jalgaon/
Pune/ Satara/ Sangli/ Solapur/ Kolhapur/ Ahmednagar/ Aurangabad/ Beed/ Nanded/ Parbhani/
Osmanabad/ Jalna/ Latur/ Nagpur/ Chandrapur/ Yavatmal/ Akola/ Amravati/ Buldhana/
Bhandara / Wardha.

Mechanical Engineer (Opn)
ST Baramati/ Shrirampur

Subject:- Details about recommended oils and oil change period for BS III vehicles of Tata Make

Ref :- 1. Our Letter No ST/ME/MNT/1009 dtd 4.5.2012
2. Our Letter No ST/ME/MNT/5426 dtd 03.11.2012
3. Letter No AO/MUM/MSRTC/NMS/167 dtd 12.12.2012 received from
M/s Tata Motors Ltd

Kindly refer the details of recommended oils and oil change period circulated vide letter no ST/ME/MNT/5426 dtd 03.11.2012 for Tata BS III and Leyland BS III buses.

The above referred circular was issued based on Service Bulletins of M/s Tata Motors Ltd. and M/s Ashok Leyland Ltd.

Details of recommended oils and oil change period circulated in regard to Leyland make BS III vehicles are in line with the circular issued by M/s Ashok Leyland Ltd. hence there is no change in the drain period circulated vide letter no 5426 dtd 3.11.2012

As engine oil drain period for Tata Make BS III Vehicles was linked with Chassis numbers, clarification was sought from M/s Tata Motors Ltd in regard to date from which these changes in oil drain period, are to be made applicable for MSRTC.

After issue of instructions vides letter no ST/ME/MNT/5426 dtd 03.11.2012, information in regard to engine condition was collected on phone from various units after implementation of revised enhanced oil drain period for Tata BS III vehicles. In response majority of units informed satisfactory performance report, however some of the units informed about difficulties in settling of warranty claims from M/s Tata Motors Ltd.

Further M/s Tata Motors Ltd clarified that the enhancement of oil change period recommended by them is applicable for New Recipe Engines which are fitted on the chassis supplied by them bearing MAT412126C7G28699 number onwards. It was verified from the records available with Central Office that these chassis are received by MSRTC w.e.f. 6th Aug 2012. M/s Tata Motors Ltd further clarified that these **New Recipe Engines are fitted with Fuel Water Separator to Part No 2786 0798 9965.**

Hence considering the difficulties expressed by some of the units in settling of warranty claims, it has been decided to adopt the oil change period in line with the recommendations of M/s Tata Motors Ltd.

In view of above the **revised oil drain period** applicable for **Tata BS III Engines** shall be followed as under:-

Sr No	Type of Engine	Grade of Engine Oil	Engine Oil Drain Period	Remark
1	Tata LPO 712 BS III	SAE 15W40 CH4	18000 Kms	There is no change in drain period
2	Tata LPO 1512 BS III 6BT Cummins Engine fitted with Double Life Oil Filter	SAE 15W40 CH4	36000 Kms	There is no change in drain period
3	Tata LPO 1512 BS III 6BT Cummins Engine fitted with Venturi Combo Oil Filter to Part No 2527 1813 0145	SAE 15W40 CI4 Plus	18000 Kms	There is a change in drain period from 40000 kms informed earlier vide letter no 5426 dtd 3.11.2012 to 18000 kms
4	Tata LPO 1512 BS III 6BT Cummins NEW RECIPE Engine fitted with Venturi Combo Oil Filter to Part No 2527 1813 0145 and Fuel Water Separator to OE Part No 2786 0798 9965	SAE 15W40 CI4 Plus	40000 Kms	There is no change in drain period. The change period for Fuel Water Separator to OE Part No. 2786 0798 9965 fitted on NEW RECIPE ENGINE communicated by M/s Tata Motors Ltd is at every 18000 kms

The above oil drain period is in line with the recommendations of M/s Tata Motors Ltd. hence there will not be any problem in settling the warranty claims to our units.

You are directed to implement the above mentioned revised oil drain period with immediate effect. All concerned Mechanical Engineers (Opn) will ensure that above instructions will be followed in toto in depots under their control which will be supervised by concerned Regional Engineers.

Acknowledge the receipt of this letter


General Manager (ME)

Copy f.w.cs to the PS to VC & MD for perusal of Hon. VC&MD please.
Copy f.w.cs to General Manager (S&P) for information please.


General Manager (ME)



Maharashtra State Road Transport Corporation

Mechanical Engineering Department : Central Offices/
'Maharashtra Vahatuk Bhavan,' Dr. Anandrao Nair Marg,
MUMBAI - 400 008.

Telephone : 23023900 Fax : 23 00 43 10

Website: www.msrtc.gov.in

Our Ref No ST/ME/MNT/

3415

Dtd 12th July 2013

To,

Works Manager, Central Workshop,
S T Dapodi, Pune, Aurangabad and Nagpur

The Regional Manager (Kind Attn - Regional Engineer),

S.T. Mumbai, Nashik, Aurangabad, Pune, Amravati and Nagpur Region

The Divisional Controller and Mechanical Engineer (Oppn) and Divisional Stores Officer,

ST Division, Mumbai/ Thane / Palghar/ Raigad/ Ratnagiri/ Sindhudurg/ Dhule/ Nasik/ Jalgaon/
Pune/ Satara/ Sangli/ Solapur/ Kolhapur/ Ahmednagar/ Aurangabad/ Beed/ Nanded/ Parbhani/
Osmanabad/ Jalna/ Latur/ Nagpur/ Chandrapur/ Yavatmal/ Akola/ Amravati/ Buldhana/
Bhandara / Wardha.

Mechanical Engineer (Oppn), Divisional Stores Officer

ST Baramati/ Shrirampur

Subject :- Introduction of New H Series BS III Engines by M/s Ashok Leyland Ltd

Ref :- Letter No ROW:PDI:MSRTC-11/191/2013 dtd 11th July 2013 received from M/s
Ashok Leyland Ltd

It is to inform you that MSRTC has procured a float of total 70 New Engine Assy for
HINO Euro III ALPSV4/190 for 231' WB Cheetah and 222" Viking 4/186 chassis.

The distribution of total float of 70 New Engines was decided as under :-

Sr No	Name of the Assembly	Part No	Quantity to be purchased	Order to be placed by Central Workshop/ DC	Name of the Region to whom allocation is made					
					AWB	MMB	NGP	PNE	NSK	AMT
Distribution of 43 Engines circulated vide letter No ST/ME/SPM/5760 dtd 21 st Nov 2012										
1	Engine Assy for HINO Euro III, ALPSV4/190 , 231" Cheetah and 222" Viking 4/186	A2N2 4200	43 Nos	CWD = 25 Nos	--	12	--	5	8	--
				CWA= 14 Nos	14	--	--	--	--	--
				CWN= 4 Nos	--	--	--	--	--	4
Distribution of balance 27 Engines circulated vide letter No ST/ME/SPM/919 dtd 5 th March 2013										
1	Engine Assy for HINO Euro III, ALPSV4/190 , 231" Cheetah and 222" Viking 4/186	A2N2 4200	27 Nos	CWD = 14 Nos	--	10	--	--	4	-
				CWA= 13 Nos	13	--	--	--	--	--
				CWN= --	--	--	--	--	--	--

All Regional Engineers were directed to allocate these Euro III engines to Divisions
under their control based on fleet strength.

Now M/s Ashok Leyland Ltd vide above referred letter dtd 11th July 2013 informed that 70 new Engine Assemblies supplied by them as a float to all divisions is H series engine and is different from normal Euro III engine in following parameters

Sr No	Parameter	For Euro III Engines supplied by them along with Chassis	For Euro III H Series Engines supplied by them as a float Engine Assy. to MSRTC
1	Engine Oil Sump Capacity	10.5 Ltrs	16.5 Ltrs (excluding 1.2 ltrs in Oil Filter)
2	Engine Oil	SAE 15W40 CH4 At present RC is finalized with M/s IOCL for the brand of Engine Oil SERVO PRIDE ALT 15W40	SAE 15W40 CI4 Plus M/s Ashok Leyland Ltd has approved the Engine Oil brand of M/s IOCL as SERVO PRIDE ALT PLUS 15W40
3	Engine Oil Drain Period	Every 40000 kms	Every 80000 kms
4	Engine Oil Filter	Extra Life Engine Oil Filter to OE Part No X 4001000 / X 4000600 to be replaced at the time of Engine Oil Change at every 40000 kms	Spin On Oil Filter to OE Part No F7A 01500 to be replaced at the time of Engine Oil Change at every 80000 kms
5	Fan	Viscous Fan is fitted	Electromagnetic Viscous Fan is fitted.

Hence all Mechanical Engineers (Opn) are hereby directed to ensure that the maintenance program for this H series Engine assemblies which are supplied as float by M/s Ashok Leyland Ltd be followed as per above details.

All Mechanical Engineer (Opn) are directed to keep the track of fitment of these Float Engines and necessary instructions be issued to concerned depot to whom the bus fitted with this engine is allotted. Regional Engineers are directed to supervise and issue necessary instructions to Mechanical Engineer (Opn)

This is for your immediate necessary action.


General Manager (ME)

Copy to 1. General Manager (S&P) – You are requested to finalize and inform the source for following items, required for these 70 nos Euro III Engines supplied as float Engine Assemblies.

1. Engine Oil SAE 15W 40 CI 4 Plus	At present M/s Ashok Leyland Ltd has approved following 2 brands of Engine Oil 1. M/s IOCL- Servo Pride ALT Plus 15W40 2. M/s Gulf – Gulf Superfleet LE Dura Max 15W40 It is recommended to finalize the source between above two approved suppliers. Tentative annual requirement for 70 engines is tentative 2400 Ltrs
2. Engine Oil Filters	Spin on Oil Filter to OE Part No F7A 01500 Tentative annual requirement is 140 Nos

2. Chief Engineer (R&D) – For information.


General Manager (ME)