

ANDHRA PRADESH STATE ROAD TRANSPORT CORPORATION

No. TRI/216(I)/2002-MED

**Office of the VC & MD
Mushirabad, Hyderabad-20. Dated
: 08-11-2002.**

CIRCULAR No. 17/2002-MED, DT. 08-11-2002

SUB. :-- RADIAL TYRES - Extensive study on improvement in HSD KMPL after fitment of Radial Tyres - Guidelines issued - Reg.

REF. :-- Circular No. 2/2002-MED, dated 13-02-2002.

1.0 Vide Circular cited at ref., detailed guidelines were issued on the scope of the study, selection of vehicles, steps to be taken during the study and the data to be furnished by the depots for evaluating the performance of Radial Tyres in improvement of HSD KMPL.

2.0 Accordingly data was received from all the depots where the study was taken up for improvement in HSD KMPL due to radialisation. On analysis of the data furnished by the depots it is revealed that the HSD KMPL was improved by 3.66%. But the impact of radialisation could not be fully attributed for the above improvement due to the following reasons.

- a) During the study period the HSD KMPL of the Corporation has increased from 5.01 to 5.14.
- b) Though it was advised to fit radial tyres on all wheels, some of the vehicles were fitted with only four radial tyres on rear wheels.
- c) Some of the new vehicles were directly fitted with Radial Tyres and the data on nylon tyres was not available for comparison.
- d) Some of the tyres were interchanged with nylon tyres but the data was furnished as if the vehicle was operated with "Radial Tyres".
- e) Whenever Radial Tyres were fitted in the middle of the month, the KMPL of that month could not be taken for consideration, since the vehicle was operated with nylon tyres as well as Radial Tyres.
- f) For comparison of the improvement of HSD KMPL of Radial Tyres over nylon tyres, the data on operated KMs and HSD oil consumed with both Radial and Nylon Tyres was not available, with the result the 'average' of HSD KMPL was taken for comparison which gives misleading evaluation and may not be accurate.

3.0 Under the circumstances to evaluate the performance of Radial Tyres for improvement in HSD KMPL accurately, the following revised guidelines are issued.

- i) To nullify the impact of improvement in KMPL in the depot due to improved driving habits, the vehicles identified for study (special type vehicles) shall be fitted with Radial Tyres for one month and Nylon Tyres for one month alternately. The rotation of tyres can be carried out during sch.-III. but the data on operated KMs. and HSD Oil consumed shall be furnished from the date of fitment to the date of removal of tyres in both the cases, i.e., Radial and Nylon. (Illustration is given in Annexure).
- ii) It shall be ensured that Radial Tyres (New or RC) shall be fitted on all positions including spare.
- iii) The data shall be furnished by 5th of every month in the revised format as at annexure.

4.0 Except for changes as mentioned in prepares, remaining guidelines as envisaged in the Circular No. 2/2002 remain as it is and shall be followed scrupulously.

5.0 WMs, COSs, AMEs(T) shall ensure smooth supply of required Radial Tyres along with tubs to the depots identified for study and shall review the progress on weekly basis.

6.0 Dy. CMEs and DVMs shall review the implementation of the above guidelines and improvement in HSD KMPL of each vehicle to ensure that the study is conducted meaningfully.

Sd/-
(R. P. SINGH)
Vice Chairman & Managing Director.

ANNEXURE

**HSD PERFORMANCE OF RADIALISATION VEHICLES FOR THE
MONTH OFAT..... DEPOT**

Sl. No	Veh. No.	Performance with Nylon Tyres							
		Fitted on	Removed on	KMs. Operated		HSD Oil		KMPL	
				For the Month	Upto the Month	For the Month	Upto the Month	For the Month	Upto the Month
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)

Performance with Radial Tyres								
Fitted on	Removed on	KMs. Operated		HSD Oil		KMPL		Remarks
(ID)	(12)	For the Month	Upto the Month	For the Month	Upto the Month	For the Month	Upto the Month	
(13)	(14)	(15)	(16)	(17)	(18)	(19)		

Note :- 1) The performance has to be computed for every calendar month and submitted by 5th of succeeding month.

2) If a vehicle is fitted with Radial Tyres on 10-09-2002 and interchanged with Nylon Tyres on 05-10-2002 the date shall be furnished for the month of September in the above format, taking 01-09-2002 to 09-09-02 as Nylon and from 10-09-02 to 30-09-2002 as Radial Tyres.