

DIRECTOR GENERAL BORDER ROADS
GENERAL MAINTENANCE INSTRUCTION NO. 184
ON

TYRE PRESSURE FOR ALL MAKE & TYPE AND MODELS OF TATA DIESEL VEHS

INTRODUCTION : In order to prolong the life of tyre/tubes, to save consumption of POL, avoid risk of accident and premature failure of tyres it is essential that tyres are inflated correctly as recommended by the manufacture. Under inflated tyres increase rolling resistance and petrol/diesel consumption. Tests show that under inflation of tyres by 25% cause a 5% increase of fuel consumption and a 25% decrease of tyre life.

AIM : This instruction lays down the recommended tyre pressure for all models of Tata Diesel Vehs used in Border Roads Organization.

ACTION BY UNITS : Take action as per details given below :-

DETAILS : (i) Inflate tyres as per details as recommended by M/s TATA ENGG & LOCOMOTIVE CO LTD.

(ii) Grade of lubricants marketed by the various firms used on all Tata Diesel Vehs are tabulated in Appendix 'A' to this GMI.

Authority : Service Information Tata Diesel Vehs No. 12 dt Aug '88.

CONCLUSION : Correct use of lubricants would increase the life of equipment and would reduce the risk of damages/down time and the following benefits will accrue to the Organization.

- (a) Low down time.
- (b) Low mean time between failure (MTBF)
- (c) Premature failures will be eliminated
- (d) Reduced cost of repairs, down time costs and extension of life cycle of the eqpt.