

Field Trial Report

A. Details of the vehicle tried out.

1. Make & model : TATA LPK 2523 with 16cum body.
2. Registration No : MH 14 DM 1173.
3. Owner of the vehicle: Tata Auto Comp Hendrickson Suspensions Pvt Ltd.

B. Details of the site : Jindal Power Limited Kosampally Open Cast Mine, Tamnar Raigadh.

C. Details of the operator : Karamjeet Singh & Company Ltd, Raigadh.

D. Details of performance :

1. Date start : 26th June 2014
2. Date end : 8th September 2014.
3. Hour meter reading start/end : 2,788 / 3,491.
4. No. of hours covered : 703 hours.
5. No. of trips made : 777.
6. Material carried : Coad. grade 7, 8 or 9.
7. Load carried per trip : Avg. 20 to 22 tons per trip
8. Fuel average : Approximately 1.6 to 1.7 kmpl.
9. Trip distance : 3.5 kms one way
10. Terrain : Severe mining roads with 1:20 ^{gradient.}

E. Performance feedback

1. Suspension performance is satisfactory with zero breakdown on suspension side inspite of rainy season.
2. Better uptime due to reduced maintenance; saving in
 - daily 15 minutes due regular checking
 - directly 30 minutes for inspection & greasing
 - maintenance time due to parts failure (like bolster & leaf spring) is avoided.
3. Saving in material i.e, grease, spares like bolster, leaf springs.

8/9/14

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