

TATA MOTORS



LPT 1518



Specifications



ENGINE

| | |
|----------------------|---|
| Engine type | Cummins B180 EURO-II, water-cooled direct injection turbo-charged, after-cooled diesel engine |
| Engine capacity (cc) | 5883 |
| Max engine output | 132 kW (176.9 Hp) at 2500 rpm |
| No. of cylinders | 6 cylinders inline |
| Max engine torque | 650 Nm (66.2 kgm) at 1500 rpm |
| Fuel type | Diesel |



TRANSMISSION AND STEERING

| | |
|-------------------|--|
| Clutch | 380 mm push type, single plate dry friction type |
| Gearbox | TATA GBS 750 - 6 speed with provision for PTO, 6F + 1R |
| Type | Synchromesh on all forward gears and constant mesh on reverse gear |
| Gear ratios (1st) | 6.58 |
| Drive type | 4x2 |
| Steering | Integral hydraulic power assisted steering |
| Battery | 24 V |
| Alternator | 75 Amps |



SUSPENSION

| | |
|-------|-----------------------------|
| Front | Semi elliptical leaf spring |
| Rear | Semi elliptical leaf spring |



BRAKES

| | |
|---------------|--|
| Service brake | Fully duplicated, full air S-CAM brake |
| Engine brake | Hand control valve acting on rear axle |



WHEELS AND TYRES

| | |
|---------------------|--|
| Tyre size | 11R22.5 16PR tubeless radial all tyres |
| Wheel rim | 8.25 x 22.5 |
| Rear axle | TATA RA-109RR single reduction, hypoid gears, fully floating axle shafts |
| Axle ratio | 5.857 |
| Spare wheel carrier | Yes |



DIMENSIONS

| | |
|----------------------|------------|
| Wheel base | 4800, 5195 |
| TCD | 2086 |
| Overall length (mm) | 8665, 9047 |
| Overall width (mm) | 2440 |
| Front overhang (mm) | 1515 |
| Rear overhang (mm) | 2195, 2595 |
| Tank capacity (ltrs) | 350 |



WEIGHTS

| | |
|---|------------|
| Gross vehicle weight (Kgs) | 5400, 5365 |
| Gross combination weight (Kgs) | 16200 |
| Maximum permissible front axle weight (Kgs) | 6000 |
| Maximum permissible rear axle weight (Kgs) | 10200 |



PERFORMANCE

| | |
|----------------------|-----|
| Grade ability | 21% |
| Top speed (kmph) | 105 |
| Instrumental cluster | Yes |



CABIN

| | |
|------------|----------|
| Cabin type | Tilt cab |
|------------|----------|

For more information, please contact:

TATA MOTORS

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