



LPT 1623



ENGINE		TRANSMISSION	
Make	TATA Cummins	Make / Model	Eaton
Model	B5.9 E-III	Type	Synchromesh
Capacity (cc)	5 883	Shift	Manual
Layout	Diesel 6 cylinder inline	No. of gears forward	6
Type	Water cooled; direct injection; turbo charged	First gear ratio	7.05
Power kw @ r/min	154 @ 2500	Top gear ratio	0.78
Torque Nm @ r/min	789 @ 1500		
MAJOR DIMENSIONS		MASS	
Overall height (mm)	2 744	GVM (kg)	16 000
Overall length (mm)	9 048	V (kg)	16 000
Max width (mm)	2 474	GCM (kg)	21 400
Front overhang	1 515	D/T (kg)	21 400
Rear overhang	2 340	Permissible body + payload (kg)	10 500
Wheelbase (mm)	5 195	Tare - total (T)(kg)	5 500
CA - cab to bogie/rear axle (mm)	0	Permissible rear axle weight (kg)	9 000
		Permissible front axle weight (kg)	7 000
		Manufacturers rear axle weight (kg)	9 000
		Manufacturers front axle weight (kg)	7 000
CLUTCH		DRIVE AXLE	
Type	Single dry friction	Reduction type	Single
Diameter (mm)	380	Final ratio	5.857
BRAKES		ELECTRICAL & FUEL	
Type	Full air dual	Fuel capacity (ltrs)	350
Front	Drum	TYRES	
Rear	Drum	Size and ply rating	295/80 R22.5 Tubeless radial
Anti-lock braking system (ABS)	Yes		