LOUISVILLE LTL9000 Diesel





OUISVILLE LTL9000 Diesel

VEHICLE MASS LOAD RATINGS (kg) Standard Cross-Ply Tyres

GVM — Plated	22860	22860		24900
GCM — Plated	45000)¹	810	000 ²
Front Axle		6000		
Front Tyres (X-Ply)		5620 (14 PR)		
Front Suspension		6000		
Front Rating		5620		
Rear Axle	18000 (SP 40)	20000 (SSHD)	20900 ((SSHD)4
Rear Tyres (x -Ply)	17440 (12 PR)	19280 (14 PR)	17440 (12 PR)	19280 (14 PR)
Rear Suspension	17240 (RT380 & E4-380)	17240 (RT380)	20900 (6 Ro	d — AC6S)4
Rear Rating	1724	0	17440	19280

VEHICLE MASS LOAD RATINGS (kg) Radial-Ply Tyres

GVM — Plated	23240		26000 ³
GCM — Plated	45000¹		81000²
Front Axle		6000	
Front Tyres (Radial)		6000 (16 PR)	
Front Suspension	6000		
Front Rating	6000		
Rear Axle	18000 (SP40)	20000 (SSHD)	20900 (SSHD)4
Rear Tyres (Radial)	21040 (16 PR)		
Rear Suspension	17240 (RT380 & E4-380)	17240 (RT380)	20900 (6 Rod — AC6S)4
Rear Rating	17240)	20900

- NOTES: 1. ROCKWELL SP40 3.70; 3.90; 4.11:1
 - ROCKWELL SSHD 3.90; 4.11:1
 - 2. ROCKWELL SSHD 4.63; 4.87:1 4.87:1 (82 KMH @ 2100 RPM) MANDATORY FOR NASSRA ROAD TRAIN REGULATIONS
 - 3. ROCKWELL SSHD/6 ROD ONLY
 - 4. 20900 KG RATING ONLY WITH SSHD/6 ROD COMBINATION

POWER TRAIN COMBINATION

	CUM	CUMMINS		
ENGINE	NTC350BCIII	NTC400BCIII	3406B 350	3406B 400
Gross Power	261 (350)	398 (400)	261 (350)	298 (400)
kW (HP)	@ 2100 RPM	@ 2100 RPM	@ 2100 RPM	@ 2100 RPM
Gross Torque	1593 (1175)	1695 (1250)	1627 (1200)	1715 (1265)
Nm (lb.ft)	@ 1300 RPM	@ 1300 RPM	@ 1200 RPM	@ 1300 RPM
Torque Rise %	34	25	51	27
Displacement	14.0	14.0	14.6	14.6
Litre	6 CYL	6 CYL	6 CYL	6 CYL

REAR AXLE — ROCKWELL

Rockwell SP40	STD	STD	STD	STD
Ratio Std (Opt)	3.9 (4.11)	3.9 (4.11)	3.9 (4.11)	3.9 (4.11)
Rockwell SSHD	OPT	OPT	OPT	OPT
Ratio Std (Opt)	3.9(4.11,4.63,4.87)	3.9(4.11,4.63,4.87)	3.9(4.11,4.63,4.87)	3.9(4.11,4.63,4.87)

TRANSMISSION — EATON FULLER

	RT 14615	STD	STD	STD	STD
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STANDARD EQUIPMENT AXLE FRONT ☐ Ford I Beam; Oil filled hubs. ☐ Beam Capacity: 6000 kg. **REAR AXLE** □ Rockwell SP40; Full floating; Hypoid/Amboid single reduction. Positive pressure filtered lubrication. □ Ratios — Refer power train combination chart; Ring gear pitch diameter 381 mm. ☐ Capacity: 18000 kg. ☐ Interaxle differential with air actuated lock. **BRAKES** ☐ Service: Dual circuit air system; Three high pressure air reservoirs; Dual air pressure gauges; Low air pressure warning buzzer and light. Compressor: (Cummins) — 0.37m³ min (13.2 CFM). (Caterpillar) — 0.43m³ min (15.5 CFM). ☐ Size: Front 381 × 102 mm 'S' cam actuated. Rear 420 × 178 mm 'S' cam actuated. ☐ Total Lining area: 7884 cm². □ Park Brake: Axle mounted spring set (Anchorlock) on both rear axles with dash mounted control. ☐ Trailer Brake: steering column mounted hand control with air and electric connections back of cab. CHASSIS □ Single channel section $260 \times 81 \times 9.5$ mm; High tensile, Material 758000 kPa; Section modulus 260 cm³. CLUTCH ☐ Spicer twin plate ceramic disc; Coaxial spring dampened; Auto Adjust; Mechanical actuated; Clutch brake. ☐ Size: 394 mm diameter. DRIVELINE ☐ Spicer 1810 series with glidecote splines. ☐ Interaxle shaft: 1710 series with glidecote splines. **ELECTRICAL** □ 12 Volt negative earth system. ☐ Batteries: 4 × 6 Volt 158 Amp Hr capacity. ☐ Alternator: Leece Neville (Cummins) — 85 Amp Capacity (Caterpillar) — 100 Amp Capacity. Quartz Halogen headlamps -60/55W Capacity; Park lamps; Cab clearance lights; Front direction indicators; Rear combination stop-tailturn and reversing lamps; Number plate lamp. ☐ Circuit Protection: Circuit breakers. □ Dual air horns, Single electric horn. ☐ Instruments: Electronic speedometer/odometer; Tachometer; Engine — oil pressure, oil temperature, water temperature; Transmission — oil temperature; Rear

Axle — Front and Rear diff oil temperature; Fuel gauge; Voltmeter; Dual air pressure gauge. Warning light: Engine oil pressure; Water temperature; Low air pressure with warning buzzer and circuit proveout feature through ignition switch; Diff Lock-out control; High beam indicator; Hazard warning lights.
ENGINES Features ☐ Full flow replaceable oil filter; Spin-on-by-pass oil filter for Cummins engines.
☐ Air cleaner: 406 mm Donaldson Cyclopac with safety element and restriction indicator.
□ Cooling: Cross flow radiator with bolted stainless steel header tanks; 9320 cm² Area; Reinforced Silicone Rubber hoses; Coolant sight gauge; Spin-on water filter-conditioner. □ Cooling Fan; Horton fan clutch.
☐ Jacobs engine brake. ☐ Engine control: Push button start with ignition key shut down. ☐ Exhaust: Single vertical muffler and pipe on free standing frame — RHS. FUEL SYSTEM
☐ 2 × 379 Litre cylindrical aluminium tanks mounted on chassis frame.
 ☐ Asymmetric leaf spring; 10 leaf; size: 1320 × 102 mm. ☐ Capacity: 2720 per spring.
 ☐ Shock absorbers: Double acting telescopic. REAR SUSPENSION
 ☐ Hendrickson: RT380 with steel walking beams. ☐ Capacity: 17240 kg.
STEERING ☐ Ross HFB-64 Direct driven Integral power steering. ☐ Ratio 23.4:1.
 □ 504 mm diameter steering wheel. □ Adjustable steering column. TRANSMISSION
☐ Eaton Fuller — RT 14615. ☐ Ratios: Low: 15.52, 11.89, 9.19, 7.08, 5.56.
High: 9.96, 7.63, 5.90, 4.54, 3.57, 2.79, 2.14, 1.65, 1.27, 1.00. Reverse: 2.76, 9.84, 15.33.
☐ PTO: 6 Bolt SAE Pattern opening on

CUSTOM CAB

tilting engine cover of reinforced fibreglass. Features ☐ National Cush-N-Air Low Back drivers seat with air suspension/ height adjustment; National companion

☐ All steel constructed cab with a

Low Back fixed passengers seat; Lap seat belts both driver and passenger. □ 100% washable polypropylene loop pile carpet: Full door trim panels; Arm rests on both doors; Provision for log book storage and beverage stand: Padded head lining; Dual padded interior sunvisors; Facia crush pad; Coat hook; Ashtray and cigarette lighter.

☐ Climate control - Fresh air vent -RH Lower inner side panel; Heater Demister with 3 speed blower, variable temperature control and 4 position air control; Front Qtr vent windows.

□ Laminated windscreen; Dual self parking windscreen wipers; Electrical windscreen washers.

Cab finish: Electrocoat under coating with baked enamel finish.

OPTIONAL EQUIPMENT

REAR AXLE

□ Rockwell SSHD; Full floating; Hypoid single reduction; Positive pressure filtered lubrication. ☐ Ratios: Refer power train combination chart; Ring gear pitch diameter 422 mm.

□ Capacity: 20900 kg. ☐ Interaxle differential with air actuated

lock. ☐ Available with Rockwell 6 Rod or Hendrickson RT380 Suspensions.

□ Transmission oil cooler. REAR SUSPENSION

☐ Hendrickson: E4-380; 4 spring suspension with SP40 axles only.

☐ Capacity: 17240 kg.

☐ Rockwell: 6 Rod; 2 spring heavy duty suspension with SSHD only. ☐ Capacity: 20900 kg AC6S

ENGINE EQUIPMENT

Jacobs engine brake.

TYRES

☐ Rear Tyres: 10.00 × 20 - 14 PR — 8 supplied.

☐ Spare Tyre: 10.00 × 20 - 12 PR 10.00 × 20 - 14 PR 11R × 22.5 - 16 PR Radial.

RADIAL PLY TYRES

☐ Tyres: 11R × 22.5 - 16 PR Front/Rear

☐ Rims: 8.25 × 22.5 one piece drop centre demountable type.

TYRES

RIMS

WHEELS

☐ Front: 10.00 × 20 - 14 PR — 2 supplied.

RH side; Heavy duty 8 Bolt SAE

□ 20 ins. Diameter 6 spoke front and

rear cast spider and hub assemblies.

□ 20 × 7.5 - 3 piece demountable

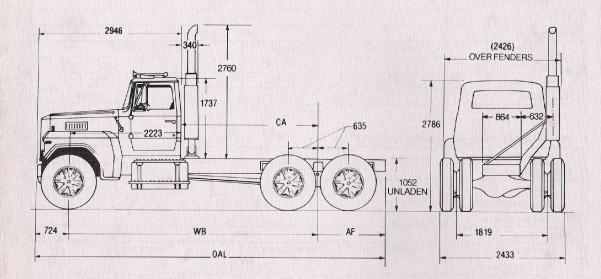
Pattern opening at bottom.

type - 11 supplied.

☐ Rear: 10.00 × 2 - 12 PR — 8 supplied.

LOUISVILLE LTL9000 Diesel





DIMENSIONAL DATA

Dimensions — Minimum Equipment — mm	CA	AF	OAL	Swept Circle*
4724 WB	2502	1905	7049	18.9 m
5182 WB	2959	1905	7811	20.4 m
*Wall to Wall				

MASS DATA

Kerb Mass — Minimum Equipment — kg*	WB	Front	Rear	Total
Cummins NTC350 &400	4724	4006	3611	7617
	5182	4042	3617	7659
Caterpillar 3406B 350 & 400	4724	4061	3611	7672
	5182	4097	3617	7704
Optional Equipment — Add/Delete — kg*				
Hendrickson E4—380 suspension			— 89	— 89
Six-Rod Suspension AC65			+174	+ 174
SSHD Axles			+ 196	+ 196

PLEASE NOTE: 1. This specification sheet contains a general description only of the Ford Product referred to on the sheet, its specifications and features and the optional equipment which is currently available for use on or in connection with such product. Generally the optional equipment referred to is available at extra or variable cost. Certain optional equipment can only be used or ordered in combination with other optional equipment. 2. The illustrations, information and specifications presented and referred to in this specification sheet were correct at the time when the specification sheet was approved for printing. However, Ford Motor Company of Australia Limited and/or Ford Seles Company of Australia Limited reserve(s) the right, subject to the laws of Australia and/or any applicable State or Territory thereof and/or the regulations of any competent Authority which may apply from time to time, at their or its discretion at any time and without prior notice to discontinue or change the models, features, specifications, designs and prices of the product referred to in this sheet and any optional equipment therefore without incurring any liability whatscover of any products and products. 2. All capacities, measurements, dimensions and weights quoted in this specification sheet are approximate only. 4. Because of the possibility of changes in models and the information, specifications, features, standard equipment, optional equipment, inclinated or the lates information or models, specifications, features, standard equipment, optional equipment, products and equipment, products and equipment in for the lates in storingly and each or consult an Authorised for the lates information or models, specifications, features, standard equipment, optional equip

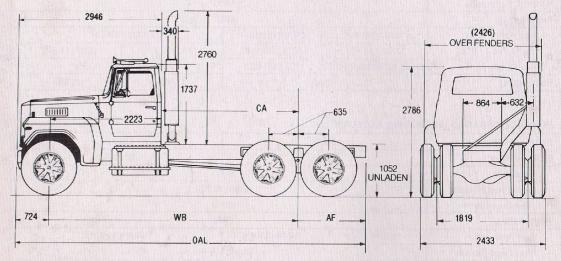




LOUISVILLE LTL9000 Diesel







DIMENSIONAL DATA

Dimensions — Minimum Equipment — mm	CA	AF	OAL	Swept Circle*
4724 WB	2502	1905	7049	18.9 m
5182 WB	2959	1905	7811	20.4 m
*Wall to Wall				

MASS DATA

Kerb Mass — Minimum Equipment — kg*	WB	Front	Rear	Total
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	5182	4042	3617	7659
Caterpillar 3406B 350 & 400	4724	4061	3611	7672
	5182	4097	3617	7704
Optional Equipment — Add/Delete — kg*				
Hendrickson E4—380 suspension			— 89	— 89
Six-Rod Suspension AC65			+ 174	+ 174
SSHD Axles			+ 196	+ 196

PLEASE NOTE: 11. This specification sheet contains a general description only of the Ford Product referred to on the sheet, its specifications and features and the optional equipment which is currently available for use on or in connection with such product. Generally the optional equipment referred to is available at extra or variable cost. Certain optional equipment are ordered in combination with other optional equipment. If all 2. The illustrations, information and specifications presented and referred to in this specifications sheet were correct at the time when the specification sheet was approved for printing. However, Ford Motor Company of Australia Limited and/or Ford Sales Company of Australia Limited reserve(s) the right, subject to the laws of Australia and/or any applicable State or Territory thereof and/or the regulations of any competent Authority with may apply from time to time, at their or its discretion at any time and without prior notice of scordinate or change the models, features, specifications, designs and prices of the product referred to in this sheet and any optional equipment therefore without incurring any liability whatsoever of any prior products. If a All capacities, measurements, dimensions and weights quoted in this specification sheet are approximate or or product the purchase of or any of such products. If a All capacities, measurements, dimensions and weights quoted in this specification sheet are approximate or the product referred to in this specification sheet are approximate or the purchase of strongly above to consist an Authorised Ford Dealer of the lates information or models, specifications, teatures, standard equipment, optional equipment, prior as and availability between the place of the product of the purchase are producted for the lates information or ford Motor Company of Australia Limited or their Motor of Production of Production Company of Australia Limited or their Motor of Production of Production of Production of Production of Production of Production of

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FORD SALES COMPANY OF AUSTRALIA LIMITED

Registered offices: 1735 Sydney Road,
Campbellfield, Victoria, 3061



OUSVILLE LTL9000

VEHICLE MASS LOAD RATINGS (kg) Standard Cross-Ply Tyres

GVM — Plated	2286	22860		24900
GCM — Plated	4500	45000¹		000 ²
Front Axle		6000		
Front Tyres (×-Ply)		5620 (14 PR)		
Front Suspension		6000		
Front Rating	5620			
Rear Axle	18000 (SP 40)	20000 (SSHD)	20900 (SSHD)4	
Rear Tyres (x -Ply)	17440 (12 PR)	19280 (14 PR)	17440 (12 PR)	19280 (14 PR)
Rear Suspension	17240 (RT380 & E4-380)	17240 (RT380)	20900 (6 Rod — AC6S)4	
Rear Rating	1724	10	17440	19280

VEHICLE MASS LOAD RATINGS (kg) Radial-Ply Tyres

GVM — Plated	23240		26000 ³	
GCM — Plated	45000¹		81000 ²	
Front Axle		6000		
Front Tyres (Radial)		6000 (16 PR)		
Front Suspension	6000			
Front Rating	6000			
Rear Axle	18000 (SP40)	20000 (SSHD)	20900 (SSHD)4	
Rear Tyres (Radial)	21040 (16 PR)			
Rear Suspension	17240 (RT380 & E4-380)	17240 (RT380)	20900 (6 Rod — AC6S)4	
Rear Rating	17240)	20900	

NOTES: 1. ROCKWELL SP40 — 3.70: 3.90: 4.11:1 BOCKWELL SSHD - 3.90: 4.11:1

BOCKWELL SSHD — 4 63: 4 87:1

4.87:1 (82 KMH @ 2100 RPM) MANDATORY FOR NASSRA ROAD TRAIN REGULATIONS

3. BOCKWELL SSHD / 6 BOD ONLY

4. 20900 KG RATING ONLY WITH SSHD/6 ROD COMBINATION

POWER TRAIN COMBINATION

	CUMMINS		CATERPILLAR	
ENGINE	NTC350BCIII	NTC400BCIII	3406B 350	3406B 400
Gross Power	261 (350)	398 (400)	261 (350)	298 (400)
kW (HP)	@ 2100 RPM	@ 2100 RPM	@ 2100 RPM	@ 2100 RPM
Gross Torque	1593 (1175)	1695 (1250)	1627 (1200)	1715 (1265)
Nm (lb.ft)	@ 1300 RPM	@ 1300 RPM	@ 1200 RPM	@ 1300 RPM
Torque Rise %	34	25	51	27
Displacement	14.0	14.0	14.6	14.€
Litre	6 CYL	6 CYL	6 CYL	6 CYL

REAR AXLE - ROCKWELL

Rockwell SP40	STD	STD	STD	STD
Ratio Std (Opt)	3.9 (4.11)	3.9 (4.11)	3.9 (4.11)	3.9 (4.11)
Rockwell SSHD	OPT	OPT	OPT	OPT
Ratio Std (Opt)	3.9(4.11,4.63,4.87)	3.9(4.11,4.63,4.87)	3.9(4.11,4.63,4.87)	3.9(4.11,4.63,4.87)

TRANSMISSION — EATON FULLER

RT 14615	STD	STD	STD	STD

Ford Australia-We're moving with you.

STANDARD EQUIPMENT

AXLE FRONT

☐ Ford I Beam: Oil filled hubs. ☐ Beam Capacity: 6000 kg.

REAR AXLE

□ Rockwell SP40; Full floating; Hypoid/Amboid single reduction. Positive pressure filtered lubrication. ☐ Ratios — Refer power train combination chart; Ring gear pitch diameter 381 mm. ☐ Capacity: 18000 kg.

☐ Interaxle differential with air

BRAKES

actuated lock.

☐ Service: Dual circuit air system; Three high pressure air reservoirs; Dual air pressure gauges: Low air pressure warning buzzer and light.

Compressor:

(Cummins) — 0.37m3 min (13.2 CFM). (Caterpillar) — 0.43m3 min (15.5 CFM). ☐ Size: Front 381 × 102 mm 'S' cam actuated. Rear 420 × 178 mm 'S'

cam actuated

☐ Total Lining area: 7884 cm². □ Park Brake: Axle mounted spring set (Anchorlock) on both rear axles with dash mounted control.

☐ Trailer Brake: steering column mounted hand control with air and electric connections back of cab.

CHASSIS

☐ Single channel section 260 × 81 × 9.5 mm; High tensile, Material 758000 kPa; Section modulus 260 cm³.

CLUTCH

☐ Spicer twin plate ceramic disc; Coaxial spring dampened; Auto Adjust; Mechanical actuated; Clutch brake. ☐ Size: 394 mm diameter.

DRIVELINE

☐ Spicer 1810 series with glidecote splines.

☐ Interaxle shaft: 1710 series with glidecote splines.

ELECTRICAL

☐ 12 Volt negative earth system. ☐ Batteries: 4 × 6 Volt 158 Amp Hr capacity. ☐ Alternator: Leece Neville (Cummins) — 85 Amp Capacity

(Caterpillar) — 100 Amp Capacity. ☐ Quartz Halogen headlamps — 12V 60/55W Capacity; Park lamps; Cab clearance lights; Front direction indicators; Rear combination stop-tailturn and reversing lamps; Number

plate lamp. ☐ Circuit Protection: Circuit breakers. ☐ Dual air horns, Single electric horn.

☐ Instruments: Electronic speedometer/odometer: Tachometer: Engine — oil pressure, oil

temperature, water temperature; Transmission — oil temperature; Rear Axle - Front and Rear diff oil temperature; Fuel gauge; Voltmeter; Dual air pressure gauge.

☐ Warning light: Engine oil pressure; Water temperature; Low air pressure with warning buzzer and circuit proveout feature through ignition switch; Diff Lock-out control; High beam indicator; Hazard warning lights.

ENGINES

Features □ Full flow replaceable oil filter; Spin-on-by-pass oil filter for Cummins engines.

☐ Air cleaner: 406 mm Donaldson Cyclopac with safety element and restriction indicator.

☐ Cooling: Cross flow radiator with bolted stainless steel header tanks; 9320 cm² Area; Reinforced Silicone Rubber hoses; Coolant sight gauge; Spin-on water filter-conditioner. Cooling Fan: Horton fan clutch.

☐ Cold start aid for NTC 400 only. □ Jacobs engine brake.

☐ Engine control: Push button start with ignition key shut down. ☐ Exhaust: Single vertical muffler and

pipe on free standing frame — RHS. FUEL SYSTEM

☐ 2 × 379 Litre cylindrical aluminium tanks mounted on chassis frame.

FRONT SUSPENSION

☐ Asymmetric leaf spring; 10 leaf; size: 1320 × 102 mm. □ Capacity: 2720 per spring.

☐ Shock absorbers: Double acting telescopic

REAR SUSPENSION

☐ Hendrickson: RT380 with steel walking beams. ☐ Capacity: 17240 kg.

STEERING

☐ Ross HFB-64 Direct driven Integral power steering. ☐ Ratio 23.4:1 504 mm diameter steering wheel.

☐ Adjustable steering column.

TRANSMISSION

☐ Eaton Fuller — RT 14615. ☐ Ratios: Low: 15.52, 11.89, 9.19, 7.08, 5.56. High: 9.96, 7.63, 5.90, 4.54, 3.57, 2.79, 2.14, 1.65, 1.27, 1.00. Reverse: 2.76,

☐ PTO: 6 Bolt SAE Pattern opening on RH side; Heavy duty 8 Bolt SAE Pattern opening at bottom.

WHEELS

9.84, 15.33,

□ 20 ins. Diameter 6 spoke front and rear cast spider and hub assemblies.

RIMS

 \square 20 \times 7.5 - 3 piece demountable type — 11 supplied.

TYRES

□ Front: $10.00 \times 20 - 14 \text{ PR} - 2$ supplied. ☐ Rear: 10.00 × 2 - 12 PR — 8

supplied.

CUSTOM CAB

☐ All steel constructed cab with a tilting engine cover of reinforced fibreglass.

Features ☐ National Cush-N-Air Low Back drivers seat with air suspension/ height adjustment; National companion Low Back fixed passengers seat; Lap seat belts both driver and passenger.

□ 100% washable polypropylene loop pile carpet; Full door trim panels; Arm rests on both doors; Provision for log book storage and beverage stand: Padded head lining; Dual padded interior sunvisors; Facia crush pad; Coat hook; Ashtray and cigarette lighter

Climate control - Fresh air vent -RH Lower inner side panel; Heater Demister with 3 speed blower, variable temperature control and 4 position air control: Front Qtr vent windows. ☐ Laminated windscreen; Dual self

parking windscreen wipers; Electrical windscreen washers.

Cab finish: Electrocoat under coating with baked enamel finish.

OPTIONAL EQUIPMENT

REAR AXLE

□ Rockwell SSHD; Full floating; Hypoid single reduction; Positive pressure filtered lubrication. ☐ Ratios: Refer power train combination chart; Ring gear pitch

diameter 422 mm.

☐ Capacity: 20900 kg.

☐ Interaxle differential with air actuated

☐ Available with Rockwell 6 Rod or Hendrickson RT380 Suspensions.

□ Transmission oil cooler. REAR SUSPENSION

☐ Hendrickson: E4-380; 4 spring suspension with SP40 axles only.

☐ Capacity: 17240 kg.

☐ Rockwell: 6 Rod: 2 spring heavy duty suspension with SSHD only. ☐ Capacity: 20900 kg AC6S

ENGINE EQUIPMENT

☐ Jacobs engine brake

TYRES

☐ Rear Tyres: 10.00 × 20 - 14 PR — 8 supplied. □ Spare Tyre: 10.00 × 20 - 12 PR

10.00 × 20 - 14 PR

11R × 22.5 - 16 PR Radial.

RADIAL PLY TYRES

☐ Tyres: 11R × 22.5 - 16 PR Front/Rear

 \square Rims: 8.25 \times 22.5 one piece drop centre demountable type.