



PR22L Benefits

- EU Stage IIIA Emissions Compliant
- Durable 3500 Series Caterpillar engine for years of reliable service
- Advanced controls system for improved performance and improved diagnostics
- Includes Auto-Engine Start/Stop System (AESS) for increased fuel savings
- Optional telematics and remote monitoring system available
- High capacity D43BTR traction motors for narrow gauge application
- High levels of crew comfort
- Cab compliant with Australian standards
- 15.75 and 18 metric tonne axle load configurations
- Operating temperature range between -30° C to 45° C with no derate

Caterpillar 3500C-HD Engine Series

- Over 100,000 3500-series engines in service in a wide range of applications
- Built in Lafayette Indiana, USA
- 184 Day Maintenance cycle at EU Stage IIIA

PR Locomotive Product Range Configurations

- Narrow, standard and broad gauge configurations
- 3,000 BHP (Cat 3516) and 2,200 BHP (Cat 3512) options
- 15.75 to 23 metric tonne axle loads
- Single and dual cab carbody design

PR22L Technical Details

Engine Model	Caterpillar 3512C-HD
Emissions Standards	EU Stage IIIA Compliant
Gross Power	2,200 BHP
Axle Arrangement	C - C
Traction Motors	D43 or D87 optional
Air Brake	26L or CCB26 optional
Dynamic Braking Effort	180kN (258kN for optional D87 traction motors)
Stall Tractive Effort (nominal)	350kN (434 kN for optional D87 traction motors)
Continuous Tractive Effort (nominal)	296kN (370 kN for optional D87 traction motors)
Axle Load Range	15.75 to 18 metric tonnes
Nominal Weight	94.5 to 108 metric tonnes
Nominal Clearance	Queensland narrow gauge

