

WD12 Series Truck Diesel Engine

This heavy-duty diesel engine is designed for demanding truck applications. It features a turbocharger and intercooler for enhanced power and reduced emissions.



Overview

High-Performance Diesel Power

The WD12 series is a heavy-duty diesel engine engineered for exceptional reliability and power in demanding truck applications. Featuring a high-rigidity cylinder block and advanced combustion optimization, it offers significant fuel efficiency improvements alongside superior durability. Designed for operational versatility, it supports reliable performance in extreme temperatures and high-altitude conditions up to 5000m.

Performance Metrics

Key Performance Metrics

480 kW

Maximum Power

30 %

Torque Backup

10000 h

Target Durability

Technical Specifications

Operational Capabilities

| Feature | Capability |
|-----------------------|-------------|
| Power Range | 336-480 kW |
| Cold Start (No Aid) | -15°C |
| Cold Start (With Aid) | -40°C |
| Operating Altitude | Up to 5000m |

Compliance and Features

Emission Standards

Euro II • Euro III Compatible

Maintenance and Design

Maintenance Highlights

- One cylinder per head design
- Interchangeable parts with WD615 series
- WEVB (Exhaust Valve Brake) system
- High rigidity cylinder block