



Shows with
Optional Equipment

CAT® ENGINE SPECIFICATIONS

In-Line 6, 4-Stroke-Cycle

Bore	121 mm (4.75 in.)
Stroke	152 mm (6.0 in.)
Displacement	10.5 L (638 cu. in.)
Aspiration	Naturally Aspirated or Turbocharged-Aftercooled
Governor and Protection	Hydra-mechanical
Combustion	Catalyst
Engine Weight, net dry (approx.)	948 kg (2090 lb)
Power Density	6.3 kg/kW (10.3 lb/bhp)
Power per Displacement	19.3 bhp/L
Jacked Water Capacity	20 L (5.3 gal)
Lube Oil System (refill)	45.1 L (11.9 gal)
Oil Change Interval	750 hours
Rotation (from flywheel end)	Counterclockwise
Flywheel and Flywheel Housing	SAE No. 1
Flywheel Teeth	156

FEATURES

Engine Design

- Proven reliability and durability
- Ability to burn a wide spectrum of gaseous fuels
- Robust diesel strength design prolongs life and lowers owning and operating costs
- Broad operating speed range

Emissions

- Rich burn engine design easily meets emission requirements
- Meets U.S. EPA Spark Ignited Stationary NSPS emissions for 2007/8 and 2010/11 with the use of aftermarket AFRC and TWC

Full Range of Attachments

Large variety of factory-installed engine attachments reduces packaging time

Testing

Every engine is full-load tested to ensure proper engine performance.

Gas Engine Rating Pro

GERP is a PC-based program designed to provide site performance capabilities for Cat® natural gas engines for the gas compression industry. GERP provides engine data for your site's altitude, ambient temperature, fuel, engine coolant heat rejection, performance data, installation drawings, spec sheets, and pump curves.

Product Support Offered Through Global Cat Dealer Network

More than 2,200 dealer outlets

Cat factory-trained dealer technicians service every aspect of your petroleum engine

Cat parts and labor warranty

Preventive maintenance agreements available for repair-before-failure options

S-O-S™ program matches your oil and coolant samples against Caterpillar set standards to determine:

- Internal engine component condition
- Presence of unwanted fluids
- Presence of combustion by-products
- Site-specific oil change interval

Over 60 Years of Engine Manufacturing Experience

Over 60 years of natural gas engine production

Ownership of these manufacturing processes enables Caterpillar to produce high quality, dependable products.

- Cast engine blocks, heads, cylinder liners, and flywheel housings
- Machine critical components
- Assemble complete engine

Web Site

For all your petroleum power requirements, visit www.catoilandgas.cat.com.

Motor Caterpillar 3306 Manual

**United States. Department of the
Army**



Motor Caterpillar 3306 Manual:

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Power Farming in Australia and New Zealand Technical Manual ,1989 Official Guide, Tractors and Farm Equipment ,1989 **Operator's, Organizational, Direct Support, and General Support Maintenance Manual (including Repair Parts Information and Supplemental Maintenance Instructions)** ,1981 Fleet Owner ,1991

Service Manual Caterpillar Inc,1975 *Operation and Maintenance Manual* ,1985 *Service Manual* Caterpillar Inc,Caterpillar Tractor Company,1976* *Concrete '83 Sourcebook* ,1983 **Waste Age** ,1977 The official magazine of Waste Expo **Jane's Airport Equipment** , Diesel Progress North American ,1986 **List of BETC Publications** Bartlesville Energy Technology Center,1983 **Chilton's CCJ.** ,1977 **Better Roads** ,1973 *Diesel Equipment Superintendent* ,1981 **Australian Fisheries** ,1981 **The Motor Ship** ,1982

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Table of Contents Motor Caterpillar 3306 Manual

1. Understanding the eBook Motor Caterpillar 3306 Manual
 - The Rise of Digital Reading Motor Caterpillar 3306 Manual
 - Advantages of eBooks Over Traditional Books
2. Identifying Motor Caterpillar 3306 Manual
 - Exploring Different Genres
 - Considering Fiction vs. Non-Fiction
 - Determining Your Reading Goals
3. Choosing the Right eBook Platform
 - Popular eBook Platforms
 - Features to Look for in an Motor Caterpillar 3306 Manual
 - User-Friendly Interface
4. Exploring eBook Recommendations from Motor Caterpillar 3306 Manual
 - Personalized Recommendations
 - Motor Caterpillar 3306 Manual User Reviews and Ratings
 - Motor Caterpillar 3306 Manual and Bestseller Lists
5. Accessing Motor Caterpillar 3306 Manual Free and Paid eBooks
 - Motor Caterpillar 3306 Manual Public Domain eBooks
 - Motor Caterpillar 3306 Manual eBook Subscription Services

- Motor Caterpillar 3306 Manual Budget-Friendly Options
- 6. Navigating Motor Caterpillar 3306 Manual eBook Formats
 - ePub, PDF, MOBI, and More
 - Motor Caterpillar 3306 Manual Compatibility with Devices
 - Motor Caterpillar 3306 Manual Enhanced eBook Features
- 7. Enhancing Your Reading Experience
 - Adjustable Fonts and Text Sizes of Motor Caterpillar 3306 Manual
 - Highlighting and Note-Taking Motor Caterpillar 3306 Manual
 - Interactive Elements Motor Caterpillar 3306 Manual
- 8. Staying Engaged with Motor Caterpillar 3306 Manual
 - Joining Online Reading Communities
 - Participating in Virtual Book Clubs
 - Following Authors and Publishers Motor Caterpillar 3306 Manual
- 9. Balancing eBooks and Physical Books Motor Caterpillar 3306 Manual
 - Benefits of a Digital Library
 - Creating a Diverse Reading Collection Motor Caterpillar 3306 Manual
- 10. Overcoming Reading Challenges
 - Dealing with Digital Eye Strain
 - Minimizing Distractions
 - Managing Screen Time
- 11. Cultivating a Reading Routine Motor Caterpillar 3306 Manual
 - Setting Reading Goals Motor Caterpillar 3306 Manual
 - Carving Out Dedicated Reading Time
- 12. Sourcing Reliable Information of Motor Caterpillar 3306 Manual
 - Fact-Checking eBook Content of Motor Caterpillar 3306 Manual
 - Distinguishing Credible Sources
- 13. Promoting Lifelong Learning
 - Utilizing eBooks for Skill Development
 - Exploring Educational eBooks
- 14. Embracing eBook Trends

- Integration of Multimedia Elements
- Interactive and Gamified eBooks

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