

## Industrial

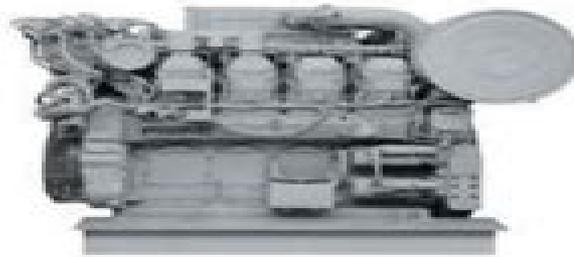


Image shown may not reflect actual engine

### CATERPILLAR ENGINE SPECIFICATIONS

#### V-8, 4-Stroke-Cycle Diesel

Bore.....	170.0 mm (6.69 in)
Stroke.....	190.0 mm (7.48 in)
Displacement.....	34.53 L (2,107.15 in <sup>3</sup> )
Aspiration.....	Turbocharged / SCAC
Compression Ratio.....	14.0:1
Rotation (from flywheel end).....	Counterclockwise
Capacity for Liquids	
Cooling System.....	102.7 L (27.1 gal)
Lube Oil System (refill).....	102.0 L (26.9 gal)
Engine Weight, Net Dry (approximate).....	4,309 kg (9,500 lb)

## FEATURES

### EMISSIONS

Meets Tier 1 emission requirements. Tier 1 refers to EPA (U.S.) non-road standards.

### SINGLE SOURCE SUPPLIER

Caterpillar:  
- Casts engine blocks, heads, cylinder liners, and flywheel housings  
- Machines critical components  
- Assembles complete engine  
Ownership of these manufacturing processes enables Caterpillar to produce high quality, dependable product.

Factory-designed systems built at Caterpillar ISO 9001:2000 certified facilities

### TESTING

Prototype testing on every model:  
- proves computer design  
- verifies system torsional stability  
- functionality tests every model

Every Caterpillar engine is dynamometer tested under full load to ensure proper engine performance

### FULL RANGE OF ATTACHMENTS

Wide range of bolt-on system expansion attachments, factory designed and tested

### UNMATCHED PRODUCT SUPPORT OFFERED THROUGH WORLDWIDE CATERPILLAR DEALER NETWORK

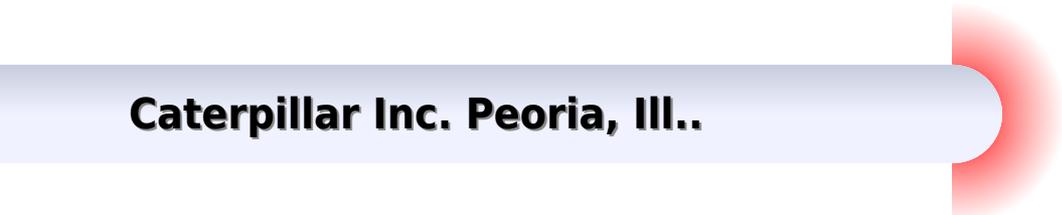
More than 1,500 dealer outlets.  
Caterpillar factory-trained dealer technicians service every aspect of your industrial engine.  
99.7% of parts orders filled within 24 hours worldwide.  
Caterpillar parts and labor warranty  
Preventive maintenance agreements available for repair before failure options.  
Scheduled Oil Sampling program matches your oil sample against Caterpillar set standards to determine:  
- internal engine component condition  
- presence of unwanted fluids  
- presence of combustion by-products

### WEB SITE

For all your industrial power requirements, visit [www.cat-industrial.com](http://www.cat-industrial.com).

# Engine 3508 Manual

**Caterpillar Inc. Peoria, Ill..**



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,1894 *Poor's Manual of the Railroads of the United States* ,1901 Industry and Product Classification Manual United States. SIC Coding Task Group,1982 **American Manual of Values (annual)** ,1902 1982 Industry and Product Classification Manual ,1982 **Gale's Auto Sourcebook** ,1992 Guide to information on cars and light trucks

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