

## Qsm11 Cummins Engine

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ne Diesel Basics 1Maintenance, Lay-up, winter Protection, Tropical Storage, Spring RecommissionVoyage Press  
The Waterways Journal**

### **Off-Highway Heavy Vehicle Diesel Efficiency Improvement and Emissions Reduction**

*Seeing is Understanding. The first VISUAL guide to marine diesel systems on recreational boats. Step-by-step instructions in clear, simple drawings explain how to maintain, winterize and recommission all parts of the system - fuel deck fill - engine - batteries - transmission - stern gland - propeller. Book one of a new series. Canadian author is a sailor and marine mechanic cruising aboard his 36-foot steel-hulled Chevrier sloop. Illustrations: 300+ drawings Pages: 222 pages Published: 2017 Format: softcover Category: Inboards, Gas & Diesel*

#### *MotorBoating*

#### *Maintenance, Lay-up, winter Protection, Tropical Storage, Spring Recommission*

Cummins Inc. is a world leader in the development and production of diesel engines for on-highway vehicles, off-highway industrial machines, and power generation units. Cummins Inc. diesel products cover a 50-3000 HP range. The power range for this project includes 174-750 HP to achieve EPA's Tier 3 emission levels of 4.0 NO<sub>x</sub>+NMHC gm/kW-hr and 0.2 PM gm/kWhr and Tier 4 Interim emission levels of 2.0 gm/kW-hr NO<sub>x</sub> and 0.02 gm/kW-hr PM. Cummins' anticipated product offerings for Tier 4 in this range include the following: QSB6.7, QSC8.3, QSL9, QSM11, QSX15, QSK19. (For reference, numerical values indicate engine displacement in liters, the letter designation ns indicate the product model). A summary of the EPA's mobile off-highway emissions requirements is given in Figure 1.

Boating

Lakeland Boating