



OXE DIESEL OUTBOARD

www.oxemarine.com

OXE DIESEL OUTBOARD

The OXE Diesel engine series combines the **reliability** and **endurance** of marine inboards with the **flexibility** and **agility** of outboard engines, offering **unprecedented efficiency, range, torque** and **maneuverability**.

The patented belt drive has made it possible to use **state-of-the-art, reliable, well-proven technologies**. A powerful engine from the automotive industry linked to a heavy-duty design gearbox above the waterline enables a sleeker and **hydrodynamically correct** system below the waterline.

The OXE Diesel engine's **powerful high torque**, together with the **robust transmission** and **interchangeable gear ratios**, provides the users with reliable options to use the engine as both a **powerful work horse** and a **high-speed solution**.

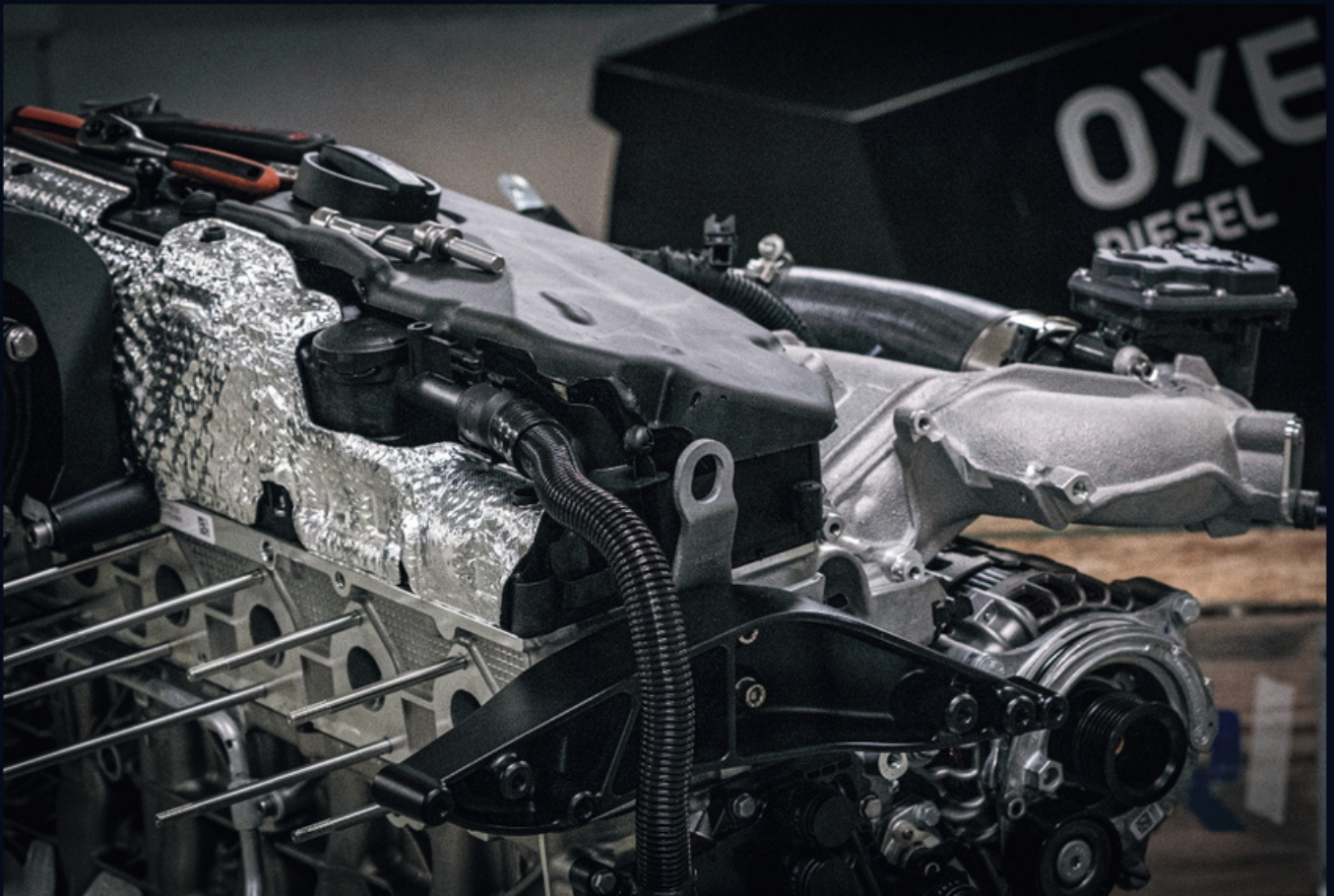
The ingenious **Quick-Shift-Capability (QSC)** and **Low-Speed-Control (LSC)** features give the user a **refined** and **smooth control** over the vessel with **full maneuverability**.

All OXE Diesel models comply with stringent **EPA Tier III, IMO Tier II** and **RCD**, making them the world's first outboard combustion engines to do so.

The OXE Diesel is designed with the NATO "single-fuel" directive in mind and is available in **125, 150, 175, 200** and **300 hp** versions.

FEATURES

- Diesel Engine
- Low Emissions
- Great Fuel Economy
- Low Speed Control (LSC)
- Long service interval
- Trolling Mode (TM)
- CAN Based Helm Control System
- Dual Helm Capability
- Reliable Modular Design
- Joystick Capability
- Hydrodynamic Low Drag Propulsion Housing
- Electro-Hydraulically Operated Gearbox
- Crash Stop Survivability
- Engine Interchangeability
- Interchangeable Gear Ratios (for OXE125-200)
- Dual Rotational Direction (for OXE125-200)
- Quick Shift Capability (QSC)
- Powerful High Torque





KEY ADVANTAGES

DIESEL

The common rail turbo charged diesel engine provides **high efficiency and torque**. This results in powerful thrust and acceleration, with the capacity to carry heavy loads. The engine runs on a large variety of fuels: EN 590, ASTM D 975 No. 1 and No. 2, JIS KK 2204, F54 and F75.

ENVIRONMENT

By using highly refined automotive based engine technology, the OXE Diesel is able to provide the marine industry with the **lowest emission levels on the market** in an outboard combustion engine as well as EPA TIER III, IMO TIER II and RCD certifications.

SAFETY

The OXE Diesel is designed to be safe in any environment. **Robust design, low-speed control and a quick-shift capability** lead to safe operations under adverse conditions. Diesel is a **more available and a less flammable fuel**, therefore, it is much safer to work with than gasoline within all working environments.

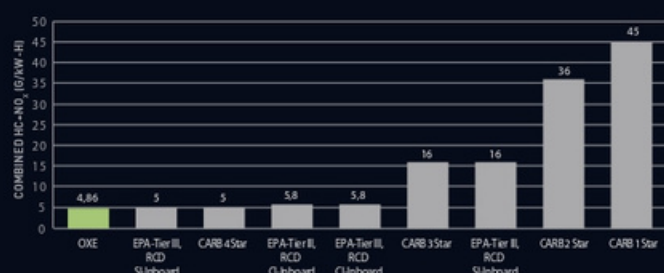
RANGE

The OXE Diesel has great fuel economy and uses **40% less fuel** than a modern 4-stroke gasoline outboard. This offers the user an unprecedented range and greatly increases operational runtimes. The fact that it is a diesel engine also gives the user the ability to refuel from larger diesel-powered vessels or marine-based platforms.

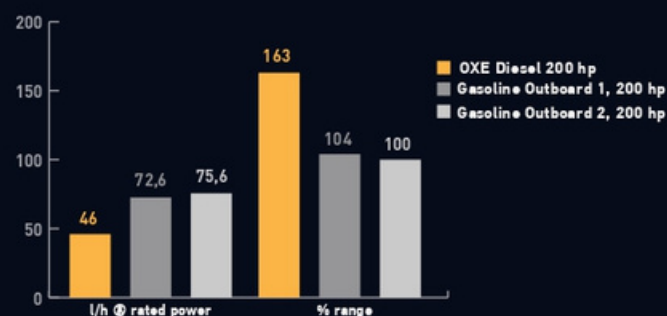
MAINTENANCE

Easily accessible service points and a modular design create a **user-friendly** product. Interchangeable gear ratio allows for various operation. The reliable automotive powerhead keeps costs of maintenance and spare parts low. Longer service intervals ensure few disruptions in engine usage **increasing operations profitability and productivity**.

COMPARISON OF REGULATIONS



REDUCED FUEL CONSUMPTION LEADS TO SIGNIFICANTLY INCREASED RANGE





150

OXE 150

607 NM (447 FT-LB) OF TORQUE

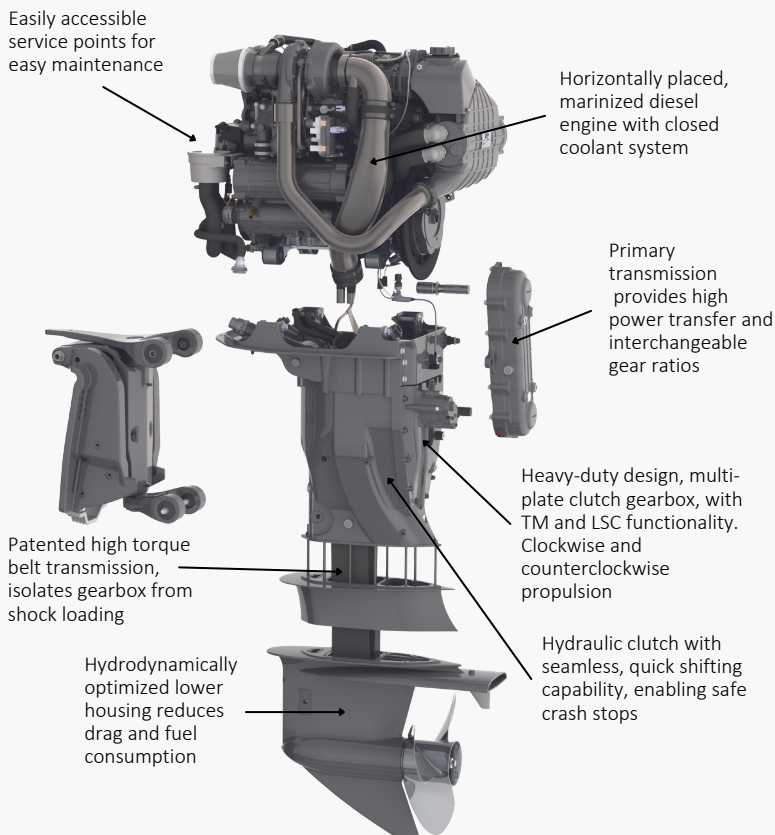
oxemarine.com

OXE 150

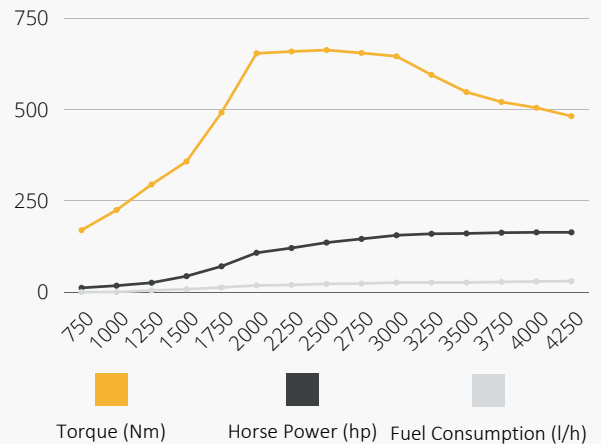
The OXE Diesel outboards combine the reliability of an inboard with the flexibility of an outboard. A more environmentally friendly solution, the OXE Diesels offers increased serviceability, longer lifespan, lower emissions and fuel consumption. Operational range is increased by over 60%, compared to a gasoline outboard. The reliability and high torque of the automotive diesel engine are manifested throughout the OXE Diesel outboard series. The transmission allows for interchangeable gear ratios, providing the user with the option to use the engine as both an enduring workhorse and a high-speed solution. OXE Diesel outboards are also certified in compliance with regulations set forth in EPA TIER III, IMO TIER II (MARPOL VI TIER 2), RCD, and CCS.

The OXE150 delivers 150 hp and 380Nm (280ft-lb) of torque. With the high torque gear ratio on the primary belt transmission, the unit delivers up to 607Nm (447ft-lb) of torque on the propeller shaft.

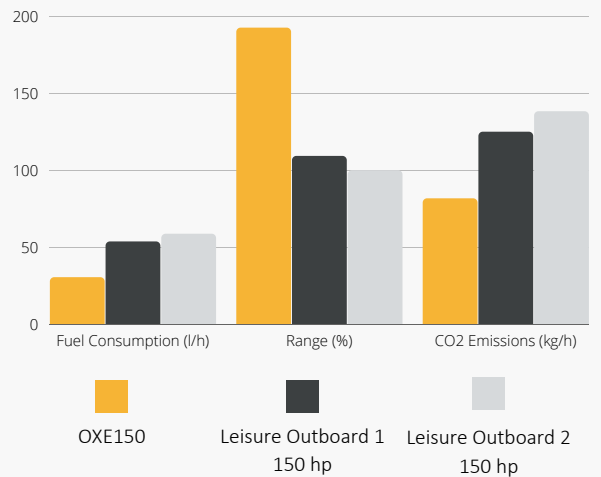
Learn more at oxemarine.com



Performance



Consumption, Range and Emissions



SERVICE INTERVAL: 200 hrs / 800 hrs

ENGINE TYPE: Diesel, L4. Block built by GM

DISPLACEMENT: 2.0 L

INTAKE: Turbocharged, intercooled

TORQUE: 607Nm at 2500 rpm

POWER: 150 hp at 4100 rpm

FUEL: Diesel EN 590, ASTM D 975 No.1 No.2. JIS KK2204, F54 & F75, biofuels: HVO100 and B7

WEIGHT: 350 kg

ALTERNATOR OUTPUT: 130 Amp

RIG LENGTH: 25" or 33"

COOLING: Closed cooling circuit

STARTING: Electric

STEERING OPTIONS: Hydraulic, Electronic Power Steering, Joystick

SHIFT: CANbus, Electro-hydraulic

CLUTCH: Hydraulic multi-friction plate

GEAR RATIOS: 1.73:1 and 2.17:1

DIMENSIONS: (25" leg), L994 H1880 W678 (mm)



175

OXE 175

607 NM (447 FT-LB) OF TORQUE

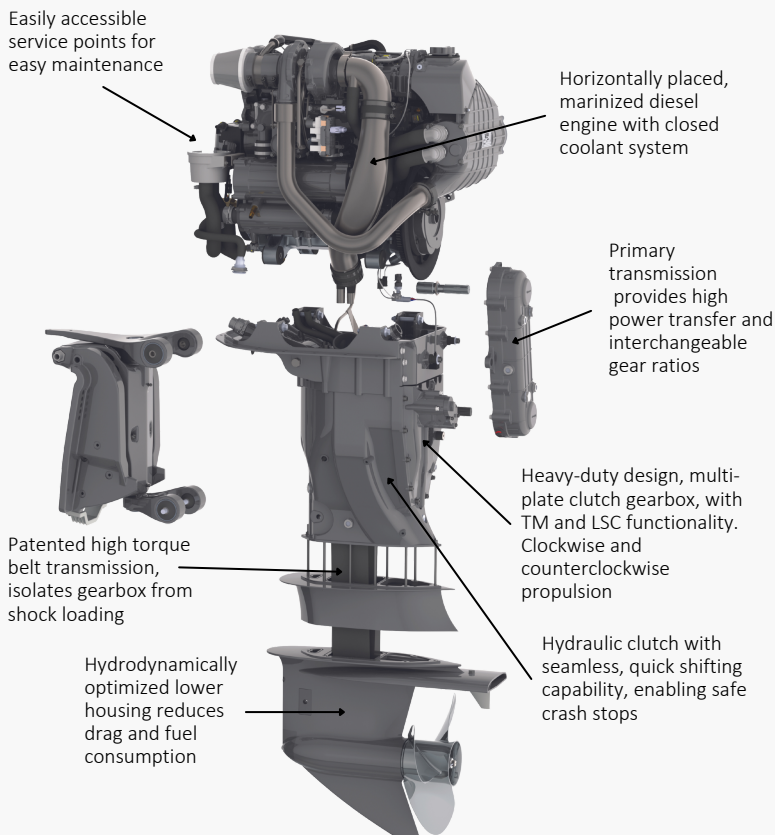
oxemarine.com

OXE 175

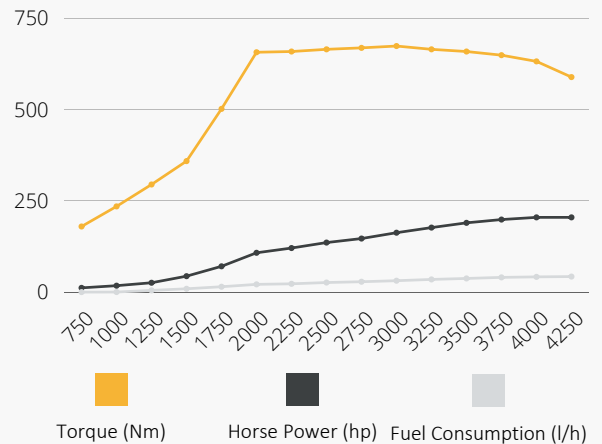
The OXE Diesel outboards combine the reliability of an inboard with the flexibility of an outboard. A more environmentally friendly solution, the OXE Diesels offers increased serviceability, longer lifespan, lower emissions and fuel consumption. Operational range is increased by over 60%, compared to a gasoline outboard. The reliability and high torque of the automotive diesel engine are manifested throughout the OXE Diesel outboard series. The transmission allows for interchangeable gear ratios, providing the user with the option to use the engine as both an enduring workhorse and a high-speed solution. OXE Diesel outboards are also certified in compliance with regulations set forth in EPA TIER III, IMO TIER II (MARPOL VI TIER 2), RCD, and CCS.

The OXE200 delivers 175 hp and 380Nm (280ft-lb) of torque. With the high torque gear ratio on the primary belt transmission, the unit delivers up to 607Nm (447ft-lb) of torque on the propeller shaft.

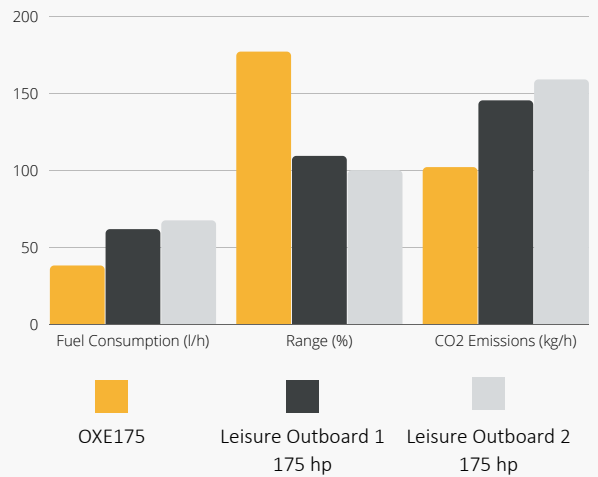
Learn more at oxemarine.com



Performance



Consumption, Range and Emissions



SERVICE INTERVAL: 200 hrs / 800 hrs

ENGINE TYPE: Diesel, L4. Block built by GM

DISPLACEMENT: 2.0 L

INTAKE: Turbocharged, intercooled

TORQUE: 607Nm at 2500 rpm

POWER: 175 hp at 4100 rpm

FUEL: Diesel EN 590, ASTM D 975 No.1 No.2. JIS KK2204, F54 & F75, biofuels: HVO100 and B7

WEIGHT: 350 kg

ALTERNATOR OUTPUT: 130 Amp

RIG LENGTH: 25" or 33"

COOLING: Closed cooling circuit

STARTING: Electric

STEERING OPTIONS: Hydraulic, Electronic Power Steering, Joystick

SHIFT: CANbus, Electro-hydraulic

CLUTCH: Hydraulic multi-friction plate

GEAR RATIOS: 1.73:1 and 2.17:1

DIMENSIONS: (25" leg), L994 H1880 W678 (mm)



200

OXE200

674 NM (497FT-LB) OF TORQUE

oxemarine.com

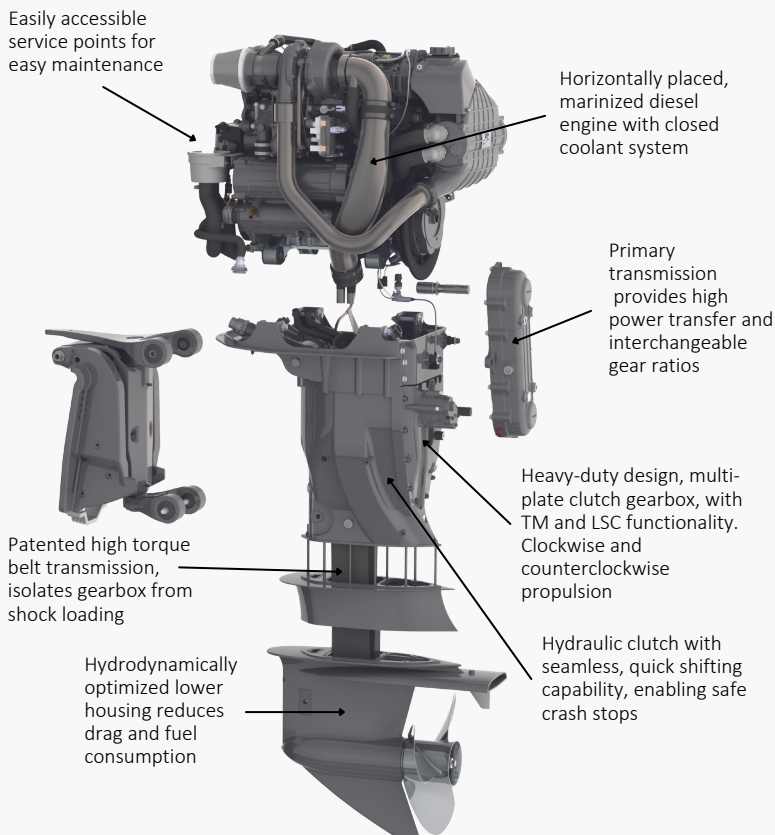
TECHNICAL SPECIFICATION

OXE200

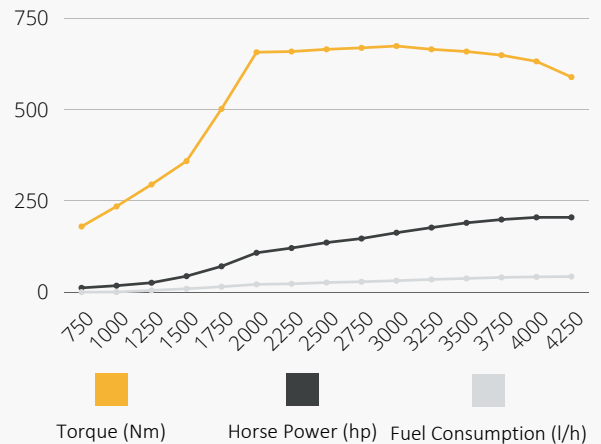
The OXE Diesel outboards combine the reliability of an inboard with the flexibility of an outboard. A more environmentally friendly solution, the OXE Diesels offers increased serviceability, longer lifespan, lower emissions and fuel consumption. Operational range is increased by over 60%, compared to a gasoline outboard. The reliability and high torque of the automotive diesel engine are manifested throughout the OXE Diesel outboard series. The transmission allows for interchangeable gear ratios, providing the user with the option to use the engine as both an enduring workhorse and a high-speed solution. OXE Diesel outboards are also certified in compliance with regulations set forth in EPA TIER III, IMO TIER II (MARPOL VI TIER 2), RCD, and CCS.

The OXE200 delivers 200 hp and 415Nm (306ft-lb) of torque. With the high torque gear ratio on the primary belt transmission, the unit delivers up to 674Nm (497ft-lb) of torque on the propeller shaft.

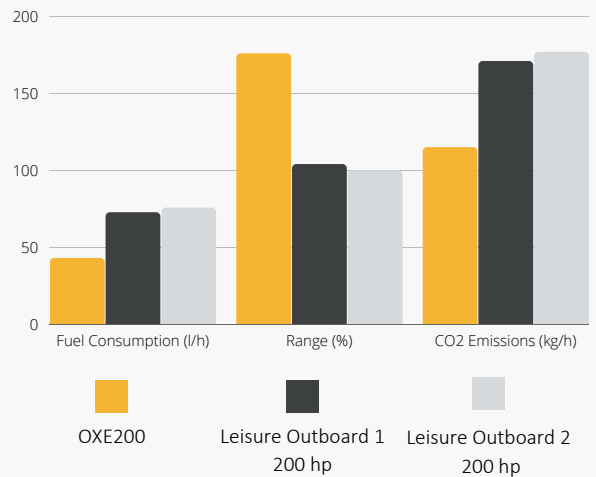
Learn more at oxemarine.com



Performance



Consumption, Range and Emissions



SERVICE INTERVAL: 200 hrs / 800 hrs

ENGINE TYPE: Diesel, L4. Block built by GM

DISPLACEMENT: 2.0 L

INTAKE: Turbocharged, intercooled

TORQUE: 415 Nm at 2500 rpm

POWER: 200 hp at 4100 rpm

FUEL: Diesel EN 590, ASTM D 975 No.1 No.2, JIS KK2204, F54 & F75, biofuels: HVO100 and B7

WEIGHT: 350 kg

ALTERNATOR OUTPUT: 130 Amp

RIG LENGTH: 25" or 33"

COOLING: Closed cooling circuit

STARTING: Electric

STEERING OPTIONS: Hydraulic, Electronic Power Steering, Joystick

SHIFT: CANbus, Electro-hydraulic

CLUTCH: Hydraulic multi-friction plate

GEAR RATIOS: 1.73:1 and 2.17:1

DIMENSIONS: (25" leg), L994 H1880 W678 (mm)





300



OXE300

945 NM (696FT-LB) OF TORQUE

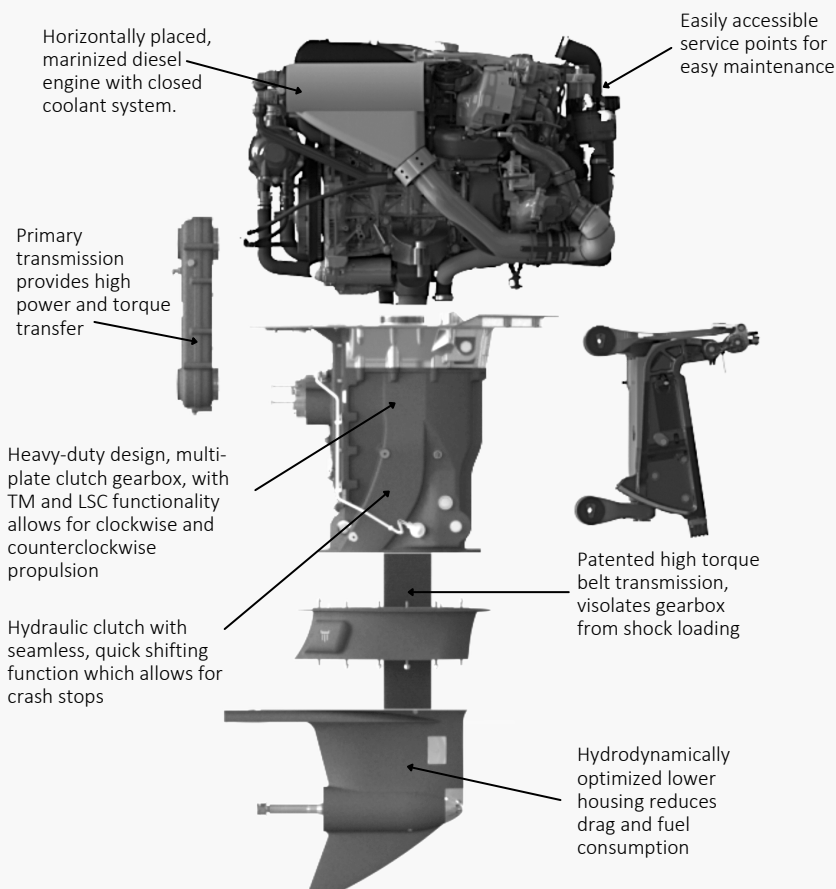
oxemarine.com

OXE300

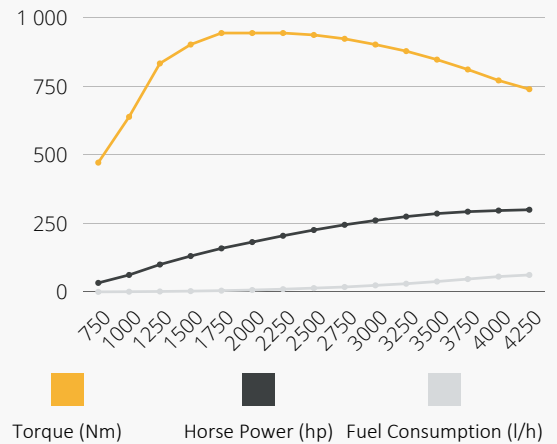
The OXE Diesel outboards combine the reliability of an inboard with the flexibility of an outboard. A more environmentally friendly solution, the OXE Diesels offers increased serviceability, longer lifespan, lower emissions and fuel consumption. Operational range is increased by over 60%, compared to a gasoline outboard. All OXE Diesel outboards are certified in compliance with regulations set forth in EPA TIER III, IMO TIER II (MARPOL VI TIER 2), RCD, and CCS.

The OXE300 is a bi-turbo configuration that provides its full 680Nm of torque at the crankshaft already at 1750 rpm, at 1000 rpm the engine provides over 500Nm at the crankshaft. The power and high torque of the marinized diesel block by BMW in the OXE300 proves for an enduring and relentless product, applicable in diverse settings as both a workhorse and a high-speed solution, as well as revolutionary bollard pulling power.

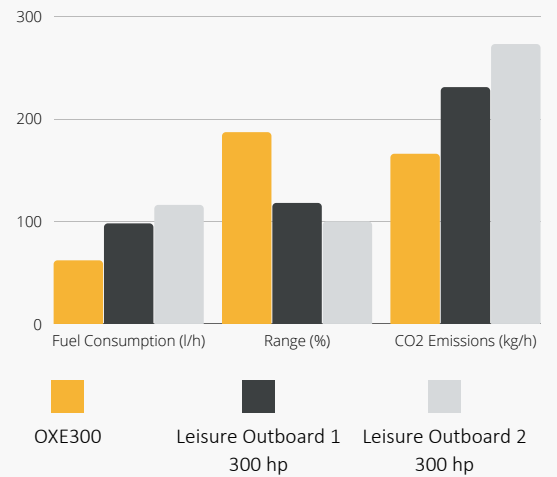
Learn more at oxemarine.com



Performance



Consumption, Range and Emissions



SERVICE INTERVAL: 200 hrs / 800 hrs

ENGINE TYPE: Diesel engine, L6. Block built by BMW

DISPLACEMENT: 3.0 L

INTAKE: Turbocharged, intercooled

TORQUE: 680 Nm at 1750 rpm

POWER: 300 hp at 4200 - 4400 rpm

FUEL: Diesel EN 590, ASTM D 975 No.1 No.2, JIS KK2204, F54 & F75, biofuels: HVO100 and B7

WEIGHT: 25" 430 kg (947 lb), 33" 435 kg (959 lb)

ALTERNATOR OUTPUT: 180 Amp

RIG LENGTH: 25" or 33"

COOLING: Closed cooling circuit

STARTING: Electric

STEERING OPTIONS: Hydraulic, Electronic Power Steering, Joystick

SHIFT: CANbus, Electro-hydraulic

CLUTCH: Hydraulic multi-friction plate

GEAR RATIOS: 1.39:1

DIMENSIONS: (25" leg), L1150 H2090 W700 (mm)



OXE 300

945 NM (696FT-LB) OF TORQUE

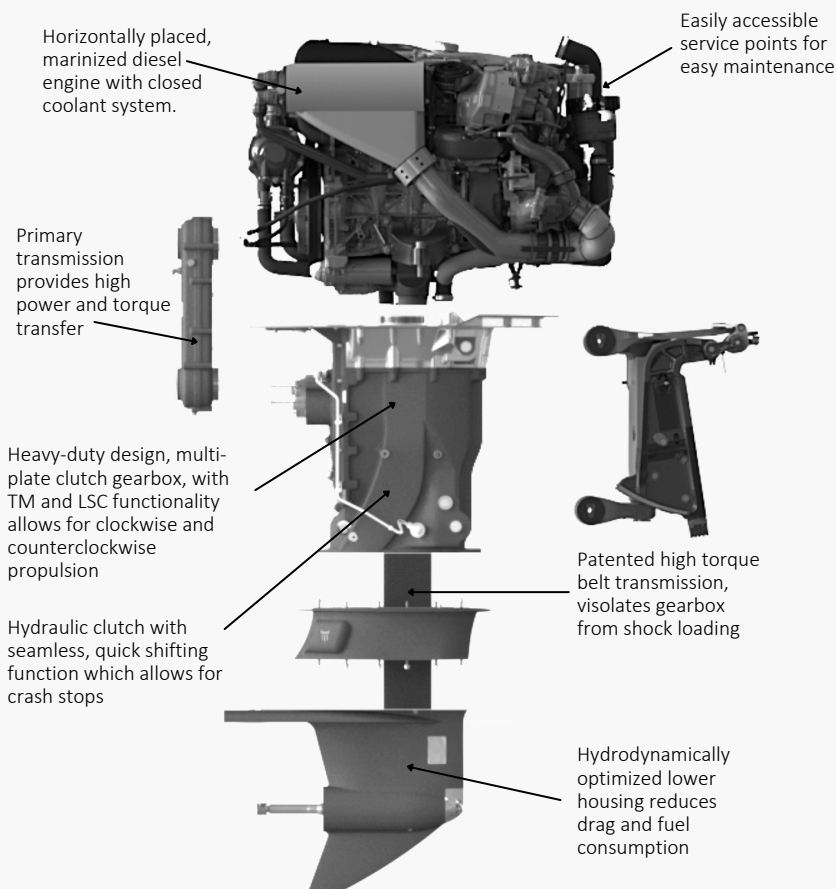
oxemarine.com

OXE300

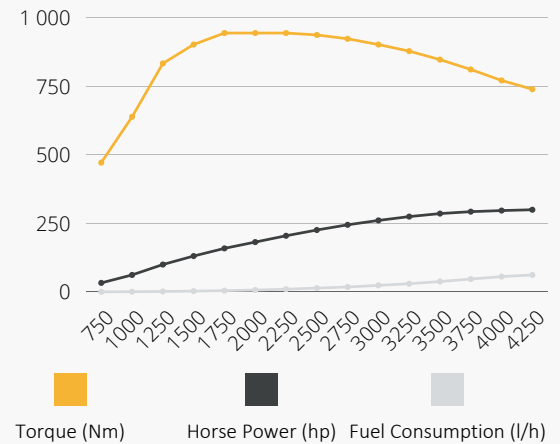
The OXE Diesel outboards combine the reliability of an inboard with the flexibility of an outboard. A more environmentally friendly solution, the OXE Diesels offers increased serviceability, longer lifespan, lower emissions and fuel consumption. Operational range is increased by over 60%, compared to a gasoline outboard. All OXE Diesel outboards are certified in compliance with regulations set forth in EPA TIER III, IMO TIER II (MARPOL VI TIER 2), RCD, and CCS.

The OXE300 is a bi-turbo configuration that provides its full 680Nm of torque at the crankshaft already at 1750 rpm, at 1000 rpm the engine provides over 500Nm at the crankshaft. The power and high torque of the marinized diesel block by BMW in the OXE300 proves for an enduring and relentless product, applicable in diverse settings as both a workhorse and a high-speed solution, as well as revolutionary bollard pulling power.

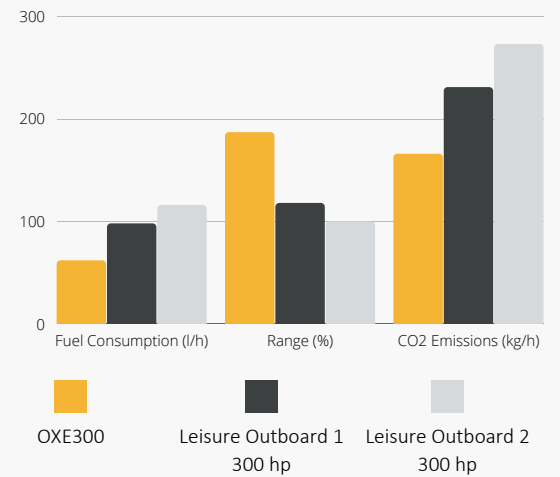
Learn more at oxemarine.com



Performance



Consumption, Range and Emissions



SERVICE INTERVAL: 200 hrs / 800 hrs

ENGINE TYPE: Diesel engine, L6. Block built by BMW

DISPLACEMENT: 3.0 L

INTAKE: Turbocharged, intercooled

TORQUE: 680 Nm at 1750 rpm

POWER: 300 hp at 4200 - 4400 rpm

FUEL: Diesel EN 590, ASTM D 975 No.1 No.2, JIS KK2204, F54 & F75, biofuels: HVO100 and B7

WEIGHT: 25" 430 kg (947 lb), 33" 435 kg (959 lb)

ALTERNATOR OUTPUT: 180 Amp

RIG LENGTH: 25" or 33"

COOLING: Closed cooling circuit

STARTING: Electric

STEERING OPTIONS: Hydraulic, Electronic Power Steering, Joystick

SHIFT: CANbus, Electro-hydraulic

CLUTCH: Hydraulic multi-friction plate

GEAR RATIOS: 1.39:1

DIMENSIONS: (25" leg), L1150 H2090 W700 (mm)



The OXE Diesel is the world's first high performance diesel outboard engine built and designed for the demanding commercial user. It is designed for those who use their boat every day no matter the conditions. Endurance, Reliability, Power and Control – all significant attributes for the OXE Diesel.



Distributor for Italy:

Division of RAMA MOTORI S.p.A.
42124 Reggio Emilia - tel. +39 0522 930711
info@ramamarine.it - rama.it