



## **Advantages of OXE Outboards over Inboard Diesel Engines**

**Lower Initial Purchase Price** – OXE outboards offer a lower initial purchase price than a comparative inboard power unit coupled to stern drive.

Commercial operators should consider the Power in Partnership scheme if operating their vessels in excess of 600 hours per annum.

**Cost Efficient Installation** – An outboard engine is quicker and easier to install with no need to remove engine hatches, fit complicated wiring and pipes.

Should the engine need to be replaced this can be carried out in half the time insuring the vessel remains operational for longer.

**Simple Maintenance Procedures** – an outboard engine is fitted externally providing better accessibility for servicing, all regular serviceable parts fitted to the OXE powerhead can be serviced afloat with no need for lifting the vessel ashore.

**Improved Performance** – OXE diesel outboards provide better performance and acceleration than inboard engines, for example the OXE 300hp providing 680Nm of torque at just 1750 RPM.

**Reduced Weight** – OXE diesel outboards are much lighter than an equivalent horse power inboard, for example the OXE 300hp weighs just 395 kg in comparison to 750kg for the equivalent powered inboard engine including the engine, drive leg and propeller.

**Improved shallow draft capability** – Outboards can operate in much shallower water with 70-degrees of power trim and tilt in comparison to stern drive driven vessels.

**Less Venerable** – when fitting an outboard, which can be trimmed up and out of the water there is no risk of sub surface parts failing such as bellows that would lead to water ingress into the vessel and the potential for severe damage.

**Improved Manoeuvrability** – Outboard powered vessels offer better manoeuvrability over inboard engines especially when optimised with 360 degree joystick controls.

**Reduced operational risks and unplanned costs** – It is far easier to clear fouling from around the propeller of an outboard than a stern drive, with no need to lift the vessel ashore and additional costs.

**Increased Deck Space** – Outboard powered vessels offer increased deck space, compared with inboard engines, whose engine bays can take up a large proportion of deck space. Outboard configured vessels also offer a greater flexibility in deck configuration leading to greater payload carrying capability.

**\*\* Regulatory Compliance** – OXE diesel outboard comply with IMO II, RCD II and EPA III emissions standards, OXE engines can also be supplied to comply with IMO Tier III emissions regulations.

Statistics show that during the past 5 years outboard registrations have increased by over 30% while inboard engine registration has declined by over 18 %.