



## COUNT ON INJEX MARINE™ TO KEEP YOUR 4-CYCLE OUTBOARD RUNNING SMOOTHLY.

Outboard motors face harsh operating conditions, including full-throttle operation, extended idle times and exposure to saltwater corrosion. Injex Marine 4-Cycle Motor Oil was specifically formulated to meet the rigors of the marine environment. It can withstand even the harshest of conditions to keep an outboard marine engine's internal components properly lubricated and protected, thereby helping to extend its lifespan.

### ABOUT PHILLIPS 66 INJEX MARINE 4-CYCLE MOTOR OIL

Phillips 66 Injex Marine 4-Cycle Motor Oil was developed to meet the needs of all 4-stroke cycle outboard engines. Injex Marine provides excellent wear protection for outboard motors while minimizing piston deposits and ring sticking, and provides outstanding protection against rust and corrosion. Injex Marine 4-Cycle Motor Oil can help customers get optimum protection for their 4-stroke cycle outboard engines, with the proven performance they expect from Phillips 66 Injex products.



## INJEX MARINE FEATURES AND BENEFITS

- Proven performance in 4-stroke cycle outboard marine engines
- Outstanding protection against rust and corrosion of internal engine components
- Excellent wear protection during high-speed operation and extended idle times
- High shear stability for better protection of bearings in vertical crankshaft engines
- Protects against piston deposits and ring sticking
- NMMA FC-W™ Certified. Certification Number FB-44427J
- Meets all engine manufacturer warranty requirements where FC-W™ oils are recommended



## KEY WAYS IN WHICH OUTBOARD ENGINES DIFFER

Outboard motors face an entirely different set of concerns than automobile engines. Marine engines are significantly more prone to rust than automobile engines, leading to uncontrolled wear and premature engine failure. And unlike most automobiles, the outboard duty-cycle frequently involves a combination of full throttle operation and extended idle times, rather than a variable mix of more moderate engine speeds. Meanwhile, a virtually unlimited supply of water is available to keep engine operating temperatures low. The vertical crankshaft orientation of outboard engines places much higher stress on the engine oil as compared to automotive engines.



## APPLICATIONS FOR INJEX MARINE 4-CYCLE MOTOR OIL

Injex Marine 4-Cycle Motor Oil is designed for use in 4-cycle outboard engines where the engine manufacturer specifies engine oil certified to meet the high performance requirements of the new National Marine Manufacturers Association (NMMA) FC-W standard.

Injex Marine 4-Cycle is not intended for use in passenger cars or light trucks with gasoline engines. It is not suitable for use in 2-stroke cycle outboard engines of any kind, whether direct oil injection or premix engines, where the manufacturer specifies an NMMA TC-W3® certified oil. (Injex 2-Cycle TC-W3® Oil is recommended for those applications).

## SWITCH TO INJEX MARINE 4-CYCLE MOTOR OIL TODAY!

For more information about Injex Marine 4-Cycle Motor Oil or other Phillips 66 products, please contact your local Marketer, our Technical Support hotline at 800-766-0050, or visit [www.phillips66lubricants.com](http://www.phillips66lubricants.com).

