



*The First in Synthetics®*

# Products for Marine Applications



- *Performance*
- *Power*
- *Protection*







# AMSOIL Products for Diesel Marine Applications

## Engine Oil

**AMSOIL Synthetic 15W-40 Heavy Duty Diesel and Marine Oil** provides the ultimate in diesel engine protection. Specifically formulated for long-life, it resists oxidation and thermal breakdown, retains viscosity and eliminates sludge and varnish formation.

Outstanding lubricity provides unbeatable wear protection and maximum fuel efficiency. It contains special performance additives for acid and soot control. Extended drain capability reduces downtime and oil expenses.

**AMSOIL Series 3000 Synthetic 5W-30 Heavy Duty Diesel Oil** has a fuel efficient formula for gasoline and diesel engines. It contains the beefiest additive package of all AMSOIL motor oils and delivers better wear protection than other popular diesel oils, effectively reducing fuel consumption.

These oils contain anti-rust agents that shield engine metals from water. They are formulated with 12 Total Base Number for dependable, long-lasting acid inhibition and corrosion protection needed in the operation of diesel marine engines. Generally, motor oils average 7 TBN, offering significantly lower corrosion protection than AMSOIL diesel oils.



## Fuel Additives

**AMSOIL Cetane Boost Additive** improves ignition, combustion efficiency and power. AMSOIL Cetane Boost also raises cetane by three to seven numbers and reduces white smoke emissions.

**AMSOIL Diesel Fuel Additive Concentrate**, formulated for use in heavy-duty diesel engines, improves the performance, cold-temperature applicability and emissions profile of diesel fuels.

**AMSOIL Diesel Fuel Modifier** improves combustion, fuel efficiency, cold-weather starting, power and performance. It is specially formulated for light-to-medium duty diesel engines.



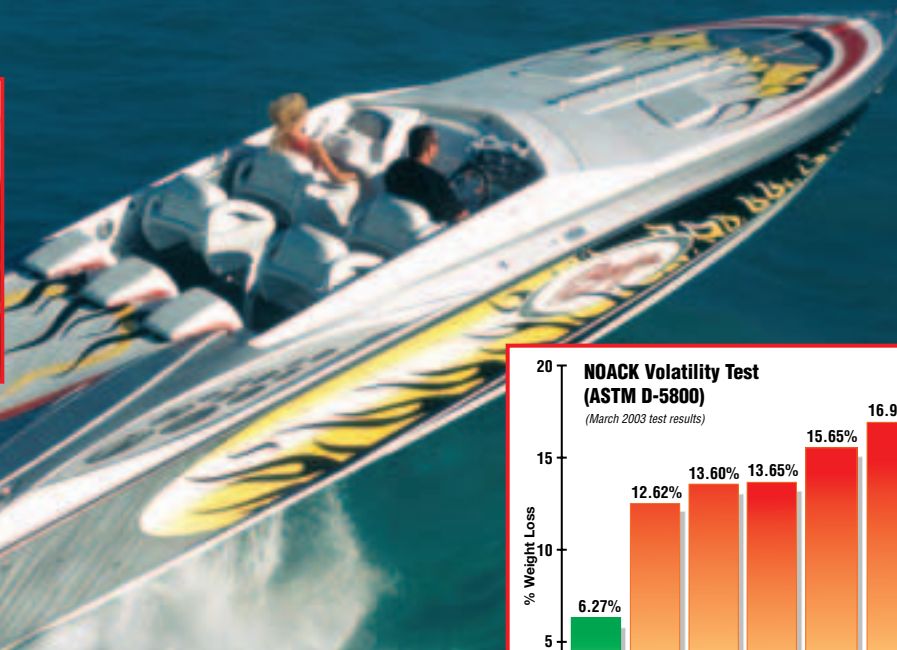
## Fisherman Saves Time and Money

Commercial fisherman Paul Daniels switched his Detroit Diesel 525 hp 12V-71T boat main engine over to AMSOIL Synthetic 15W-40 Heavy Duty Diesel and Marine Oil and an AMSOIL Dual Gard By-Pass Oil Filter to increase engine life and decrease maintenance.

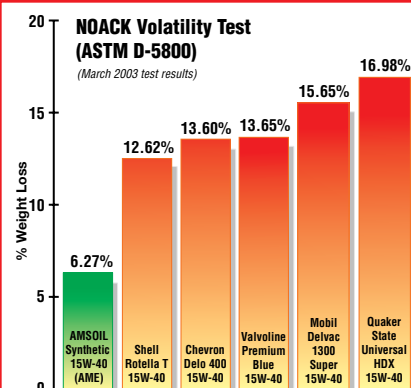
Daniels had been changing his conventional oil at 250- to 300-hour intervals. With AMSOIL products on board, he conservatively increased his change intervals until he reached his present 2000 hour oil changes with sampling and filter changes at 500 hours.

“We fish three to six days at a time, sometimes trawling 24 hours a day. The engine runs at continuous load most of the time, which is ideal for a Detroit Diesel. But there’s no getting around it—we really work that engine.

“AMSOIL Heavy Duty Diesel and Marine Oil and the AMSOIL Dual Gard filter give me the outstanding protection I demand and the extended drain intervals I want. I appreciate the savings in time and money.”



## AMSOIL Products for Four-Cycle Gasoline-Powered Marine Applications



AMSOIL 15W-40 Heavy Duty Diesel and Marine Motor Oil doesn't "burn off" like conventional oils. Its low volatility reduces oil consumption and ensures maximum fuel efficiency and wear protection.

### Additives

**Performance Improver Gasoline Additive** dissolves and removes fuel system deposits and other contaminants for improved power and overall performance in fuel injected and carbureted gasoline engines. AMSOIL PI also reduces PCV and EGR system deposits, reduces exhaust emissions and improves engine starting, idling and response.

**Gasoline Stabilizer** keeps gasoline and diesel fuel from oxidizing and deteriorating, prolonging its storage life. Gasoline Stabilizer inhibits the formation of varnish and gum, which helps prevent poor injector and engine performance.



### Engine Oil

**AMSOIL Formula 4-Stroke Synthetic 0W-40 Motor Oil** is specially formulated to provide serious protection and performance in recreational four-stroke outboard motors. Its broad 0W-40 viscosity rating provides superior protection in both hot and cold temperature extremes. It provides superior shear stability and resistance to vaporization so engine wear, oil consumption, friction, heat and emissions are kept to an absolute minimum.

**AMSOIL Synthetic 15W-40 Heavy Duty Diesel and Marine Oil** is specially formulated for marine diesel or gasoline engines, with powerful rust inhibitors and 12 TBN, a highly protective acid-neutralizing number.

It is formulated for extended drain intervals, and has proven itself in extended drain in-engine-service since 1975, the year it was introduced.



## Engine Life Increases 500 Percent

More than 60,000 tourists annually visit Alpine Canyons, South Island, New Zealand for high-speed thrills on Shotover Jet Ltd. jetboats.

The tourist trade is tough service for the boats. The Chevrolet 454 cu. in. V8-engined jetboats are in service 365 days a year, making up to 28 high speed river trips a day. The boats develop maximum torque at extremely low engine operating temperatures, due to the cooling effect of the snow-fed river water they draw. How does Shotover protect these hard-working engines?

With AMSOIL synthetic motor oils and AMSOIL by-pass oil filters. Before converting the boats to AMSOIL motor oil and filters and propane fuel, oil change intervals were at 25 hours and engine life in the 500-hour range. The propane fuel, AMSOIL synthetic motor oil and AMSOIL by-pass oil filter combination provides 400-hour oil change intervals and engine life up to 2500 hours — that's 16 times greater oil service life and five times greater engine life — a huge savings for Shotover Jet Ltd.



# AMSOIL Oils for Two-Cycle Gasoline-Powered Marine Applications

## Engine Oils



**Saber Outboard Synthetic 100:1 Pre-Mix 2-Cycle Oil** contains lower temperature dispersants for water-cooled outboard motors. It is specifically designed for lean mix ratios in pre-mix applications. Extensive testing shows superior lubricity and cleanliness properties at lean mix ratios.



**DOMINATOR Synthetic 2-Cycle Racing Oil** is recommended for racing applications in outboard motors. AMSOIL DOMINATOR Synthetic 2-Cycle Racing Oil is specially engineered for unsurpassed protection of high performance two-cycle boat motors. It contains heavier synthetic base oils that provide more lubricity for “on the edge” operation. DOMINATOR reduces friction and protects pistons and bearings subjected to the rigors of racing. DOMINATOR contains an exact blend of proprietary additives for clean motor operation.



**HP Injector Synthetic 2-Cycle Oil** is a precise synthetic formulation that provides superior performance in direct fuel injected (DFI), electronic fuel injected (EFI) and carbureted outboard motors, as well as other recreational two-cycle equipment.

HP Injector exceeds the lubrication demands of modern two-cycle engines. It contains premium synthetic base oils and MAX-DOSE additive system.



**INTERCEPTOR Synthetic 2-Cycle Oil** is engineered specially for personal watercraft and jet boats. It excels in power sports applications and engines equipped with exhaust power valves. It contains the finest synthetic ester base oils and additives available for exceptional cleanliness properties. INTERCEPTOR is the result of years of field testing, which provided some of the most severe conditions possible. INTERCEPTOR excels at controlling exhaust valve sticking and provides outstanding overall lubrication properties.



## AMSOIL Peaks Angler's Engine Performance

Shawn Towner, Oshawa, Ontario, Canada, may practice catch-and-release as an angler, but Towner says AMSOIL products are keepers – all of them.

“Being a professional angler for the past six years, I rely on the performance of my equipment,” Towner said. “Most important are my tow vehicle and boat motor. I have switched to AMSOIL lubricants in all applications.”

He installed AMSOIL 2-Cycle Oil in his 2002 Mercury XR6 150 horsepower outboard motor on his 2002 Triton TR-185 bass boat.

“The oil has really peaked the performance of my engine,” Towner said. “There's less smoke at start up, no plug fouling, no buildup on the carburetors. Everything is nice and clean in the engine, and I get great performance. The engine never falters once.”

*Shawn Towner*

### TWO-CYCLE OIL RECOMMENDATION

AMSOIL Product	Outboard*	Snowmobile*, Motorcycle* & ATV*	Personal Watercraft* & Jet Boat*	Chain Saw, Chop Saw & Pump	Weed Eater, Blower & Lawn Mower	Moped, Scooter & Go-Cart
HP Injector (HPI) TC-W3, API TC (Injection or 50:1 Pre-Mix)	Excellent	Very Good	Very Good	Not Recommended	Not Recommended	Not Recommended
INTERCEPTOR (AIT) API TC, JASO FC	Not Recommended	Excellent	Excellent	Good	Good	Good
DOMINATOR (TDR) API TC, JASO FC	Racing (1)	Racing (2)	Racing (2)	Very Good	Very Good	Very Good
Saber Professional 100:1 (ATP) Pre-Mix ISO-L-EGD, JASO FC, API TC	Not Recommended	Very Good Pre-Mix Only	Very Good Pre-Mix Only	Excellent	Excellent	Excellent
Saber Outboard 100:1 (ATO) Pre-Mix, TC-W3, API TC	Excellent Pre-Mix Only	Very Good Pre-Mix Only	Very Good Pre-Mix Only	Not Recommended	Not Recommended	Not Recommended



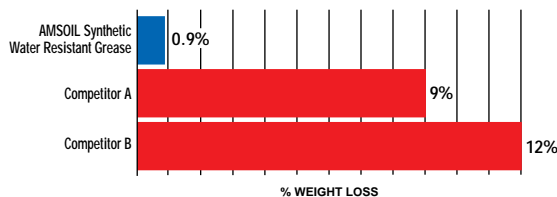
# AMSOIL Greases for Marine Applications



**Synthetic Water Resistant Grease** is an extreme-pressure lithium-complex wheel bearing grease specially formulated for extreme resistance to water washout. It is the grease of choice for protection of frequently wetted components, such as marine trailer wheel bearings. AMSOIL Water Resistant Grease forms a shield against rust and corrosion, protecting components during use and storage.

## Grease That Won't Wash Away.

Water Washout Test (ASTM D 1264)



**AMSOIL Water Resistant Grease** also offers outstanding extreme temperature performance for rapid cold-temperature lubrication and protection and dependable high-temperature lubrication and protection. Its outstanding friction-reducing ability enhances fuel efficiency and power.

**Synthetic Multi-Purpose Grease** is an extreme-pressure lithium-complex wheel bearing grease formulated for all-around use in high-speed, high-temperature applications, such as trailer wheels. It provides outstanding protection against the destructive effects of water. AMSOIL Multi-Purpose Grease also contains dependable rust and corrosion inhibitors.

It offers low-temperature fluidity for rapid cold-temperature lubrication and performance. In fact, AMSOIL GLC may be used in place of separate high-temperature and low-temperature greases.

**Synthetic Heavy Duty Grease** is an extreme-pressure lithium-complex moly-fortified grease formulated for high-load, low-speed applications. It plates out a protective shield of molybdenum to take the brunt of extreme load pressures so components don't.

AMSOIL Heavy Duty Grease also provides outstanding protection against the damaging effects of water, including rust and corrosion.





# AMSOIL Filters for Marine Applications

**Engine Oil By-Pass Filter** outperforms conventional oil filters that cannot remove water from the oil circulation or consistently capture particles smaller than 15 microns. Research shows particles in the 5 to 20 micron size range cause up to 60 percent of engine wear.

The AMSOIL By-Pass Filter removes water. It also removes virtually all particles down to three microns in size, and even removes particles smaller than three microns with greater than 50 percent efficiency.

Ultra-filtered oil – like that delivered by the By-Pass Oil Filter – lasts longer and performs better than conventionally filtered oil, which increases engine life and performance.



**Engine Oil Full Flow Filter**, the AMSOIL Super Duty Full Flow Oil Filter (SDF), offers superior filter life and filtration to that offered by conventional full flow oil filters. Its blend of cellulose, fiberglass and synthetic media and tight pleating optimize small particle capture, total particle capture, media durability and media capacity.

In fact, performance tests demonstrate the AMSOIL Super Duty Filter provides more than 75 percent better combined efficiency/capacity than other leading filters, and that increases filter life and engine life.

The AMSOIL SDF also features an oil pressure relief valve when required, to ensure continuous oil flow; a heavy-duty drawn case with a drawn steel double-crimp base and rolled under seaming for filter body strength; and an anti-drain-back valve, when required, to keep dirty oil in the filter when the engine is not running.

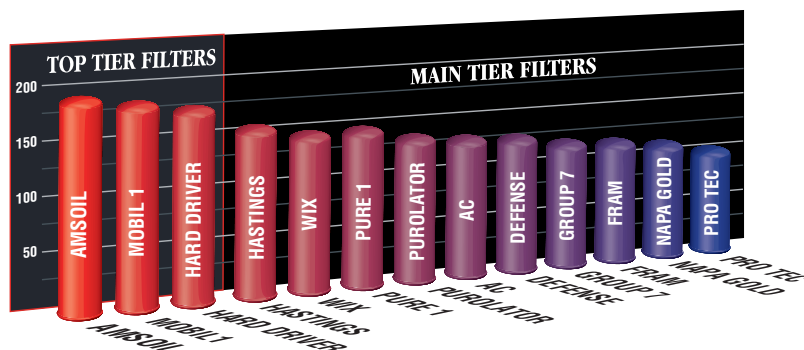
## AMSOIL Dual Remote Oil Filtration System

pairs an AMSOIL SDF Full Flow Oil Filter with an AMSOIL By-Pass Filter, providing the superior water and small-particle capture of by-pass filtration and top-quality full-flow filtration on one convenient, easily accessible mount.

The Dual Remote filtration system increases the volume of oil in engine circulation, especially when the largest possible filters are installed in the system.

Increased oil capacity increases oil life, helps optimize engine operating temperatures and enhances engine life.

With AMSOIL 15W-40 or 10W-30, the Dual Remote Oil Filtration System and a regular program of used oil analysis and filter changes, inboard marine engines may never need another oil change.



## Complete Filter Coverage

AMSOIL distributes Hastings filters, offering a complete line of filters for all engine, drivetrain and other marine, equipment and automotive applications.





# AMSOIL Gear Lubes, Anti-freeze and Metal Protector for Marine Applications

## Gear Lube



**AMSOIL Series 2000 Synthetic 75W-90 Gear Lube** delivers unbeatable power-enhancing protection, thermal stability and fuel economy. It provides maximum protection in heavy-duty and severe-service operations and forms a barrier on gear surfaces that seals out water to inhibit rust and corrosion.

**AMSOIL SAE 80W-90 Synthetic Lower Unit Gear Lube** protects outboard and sterndrive lower units in freshwater and saltwater applications. It is an extreme pressure lubricant engineered specifically to meet the high temperature/high load demands of today's geared equipment. AMSOIL SAE 80W-90 Synthetic Gear Lube (GL-4) doesn't break down in extreme heat and form damaging deposits, varnish and sludge. It maintains its protective capability even in high temperatures, preventing the ridging, rippling and spalling caused by surface distress.



**AMSOIL Propylene Glycol Antifreeze and Engine Coolant** combines biodegradability, low toxicity and all-climate protection. AMSOIL antifreeze and engine coolant is safer for children, pets, and fish than ethylene glycol coolants, which are sweet tasting and extremely toxic.

**AMSOIL Metal Protector** disperses water and protects metal surfaces from rust and corrosion. It dries completely and doesn't attract dust. AMSOIL MP penetrates existing rust build-up and loosens bolts. MP also dries wet electrical systems.





# AMSOIL Products To Keep the Boat Beautiful

**AMSOIL Miracle Wash**, a water-less wash and polish, beautifies the boat finish in one easy step and protects it from the sun's harmful ultraviolet rays.

**AMSOIL Pro-Formula Car Polish** produces a brilliant mirror-like shine on boat and automotive exterior finishes with only light hand buffing. It also protects finishes from the sun's ultraviolet rays. Safe for all paints, clearcoats and fiberglass finishes.

**AMSOIL Pro-Formula Vinyl and Leather Cleaner** and **AMSOIL Pro-Formula Vinyl and Leather Protectant** clean and protect upholstery with wipe-on/wipe-off ease, imparting a rich luster and protection against the sun's ultraviolet rays.

**AMSOIL Pro-Formula Metal Polish** cleans, polishes, seals and protects chrome, aluminum, brass, stainless steel and other metal surfaces without ammonia or harsh abrasives. Wipes on and off for quick, easy metal care.



AMSOIL products and Dealership information are available from your local AMSOIL Dealer.

