



## Smooth Hydrostatic Performance in Zero-Turn Mowers

Heat exposure leads to sludge and varnish formation that degrades performance, resulting in rough operation and poor control that frustrates operators and leads to hydrostatic transmission wear and expensive repairs.

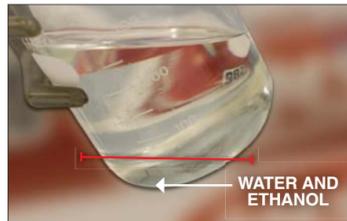
Formulated with a heavy treatment of anti-wear additives, AMSOIL Premium Protection 20W-50 Synthetic Motor Oil provides excellent protection for high-pressure components in zero-turn hydrostatic transmissions, resisting burn-off and deposits to help extend equipment life.

## Fight Ethanol Side-Effects and Restore Performance

### AMSOIL Quickshot®

Degraded fuel results in varnish and insoluble debris, leading to rough idling and poor throttle response that frustrates your crew and kills productivity. AMSOIL Quickshot® is formulated to thoroughly clean varnish, gums and insoluble debris in two- and four-stroke gasoline-powered small engines.

- **Restores** peak performance
- **Addresses** performance issues related to ethanol, water and dirty pump gas
- **Stabilizes** fuel between uses and during short-term storage.



Ethanol and water can separate from fuel and fall to the bottom of fuel tanks, reducing power and performance. Quickshot helps safely disperse water, preventing separation.



### Reduce Spindle Wear and Frequent Greasing

Repair issues related to zero-turn spindle wear are common and costly. AMSOIL Synthetic Water-Resistant Grease protects spindles, casters and wheel bearings from metal-to-metal contact, even under heavy loads, and resists washout in wet conditions, reducing the need for frequent greasing.

### AMSOIL Synthetic Water-Resistant Grease

- Formulated to resist washout and protect in wet environments
- Helps seal metal surfaces and chemically fights corrosion
- Reduces friction, helping equipment run cooler
- Helps protect against wear, even under heavy loads



### Get the Savings You Deserve

The AMSOIL Commercial Program allows you to purchase AMSOIL products at up to 25 percent off retail pricing and earn cumulative purchase discounts. The program is free, includes credit terms and tax exemption, and there's no obligation. Ask your AMSOIL Dealer for details or visit [www.amsoil.com/landscape](http://www.amsoil.com/landscape).



Contact your local full-service AMSOIL Dealer for more information on AMSOIL products or to place an order. You may also order direct by calling AMSOIL INC. at 1-800-956-5695 and providing the referral number listed here. ▼

Referral # \_\_\_\_\_

### Zero-Turn Mowers

"Our zero-turn mowers are running day in and day out. They're faced with severe-duty service five to six days a week for seven to eight hours nonstop. The premium lubrication qualities provided by AMSOIL products are essential, and we perform oil changes and grease points every 200 to 250 hours."

- Tim Wilson, LandCare Innovations



## Lawn & Landscape Professionals



Clean, protected power for two- and four-stroke engines.



### Protect Your Reputation

Successful businesses are built on satisfied customers and excellent service. AMSOIL provides the synthetic edge in protection, helping you succeed by preserving the power of your equipment, extending equipment life and maximizing reliability, allowing you to work more efficiently, honor your commitments and put more money in the bank.

### Save Time and Money

Maintaining your crew's productivity is crucial. AMSOIL SABER® Professional Synthetic 2-Stroke Oil helps prevent expensive repairs and downtime, while allowing you to enjoy the simplicity and cost savings of one mix ratio for all your handheld two-stroke equipment.

### Extend Zero-Turn Mower Life

Small four-stroke engines work extremely hard in severe operating conditions, and without a high-quality oil protecting them, power and response is compromised with every use. AMSOIL Formula 4-Stroke® 10W-30/SAE 30 Synthetic Small Engine Oil effectively resists wear and carbon deposits, maximizing power and response and helping extend the life of your zero-turn mower.

### Maximize Revenue from Compact Equipment

When your reputation is built on delivering projects on-time and on-budget, downtime on your skid steer or excavation equipment is something you can't afford.

Fortified with more additives and top-grade synthetic base oils, AMSOIL synthetic lubricants protect against wear and sludge while resisting oil consumption better than conventional lubricants. The result is the peace-of-mind that comes with knowing your investment is protected no matter how severe the conditions or workload.



## Two-Stroke Power Equipment Testing

Carbon buildup severely affects the performance of two-stroke lawn care equipment, causing stuck rings and plugged exhaust ports and screens. The end result is power loss, smoke, rough-running and hard-starting that frustrates your crew, increases the need for equipment maintenance, contributes to early equipment failure and hinders your ability to efficiently and profitably deliver professional-looking lawns and grounds.

### Outstanding Protection for Two-Stroke Power Equipment

Formulated with top-grade synthetic base oils, super-high lubricity and concentrated active cleaning agents, AMSOIL SABER® Professional Synthetic 2-Stroke Oil (ATP) effectively combats carbon buildup, providing outstanding protection and peak performance for the life of your equipment, keeping it on the job and contributing to your bottom line.



AMSOIL SABER Professional  
300 Hours

### Preventing Stuck Rings

Following 300 hours of professional-use testing in Stihl® string trimmers at the manufacturer mix ratio of 50:1, SABER Professional kept pistons and rings virtually free of carbon and wear (see the picture on the left), while use of a leading oil brand caused significant carbon buildup around the ring area (see the picture on the right). This engine is nearing the failure point.



Leading Oil Brand  
300 Hours



AMSOIL SABER Professional  
300 Hours

### Fighting Exhaust-Port Plugging

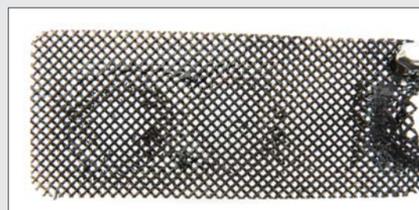
After 300 hours of simulated severe use while running SABER Professional, the exhaust-port on the left exhibited virtually no signs of blocking. In contrast, after 300 hours of simulated severe use while running a leading oil brand, the exhaust-port on the right exhibited severe exhaust-port blocking. This engine barely idled at the end of the 300-hour test.



Leading Oil Brand  
300 Hours

### Preventing Spark Arrestor Screen Plugging

Exhaust gases flow through the spark arrestor screen (located directly on the muffler), which is prone to plugging. Using SABER Professional, the screen on the left did not require cleaning following 300 hours of severe-service testing. In contrast, using a leading oil brand, the screen on the right plugged after only 45 hours of runtime and required repeated cleaning throughout the test.



AMSOIL SABER Professional  
300 Hours



Leading Oil Brand  
45 Hours

## Four-Stroke Equipment Testing

Zero-turn mowers face high ambient temperatures that accelerate oil breakdown, leading to varnish and carbon deposits that stick rings and exhaust valves. This results in compression and power loss, smoke, increased maintenance and early equipment failure, all of which hinder your efficiency and profitability.

### Outstanding Protection for Zero-Turns and Other Four-Stroke Equipment

Formulated with low-volatility synthetic base oils, a heat-stable additive system and concentrated carbon cleaners, AMSOIL Formula 4-Stroke® Synthetic Small Engine Oil (ASE) effectively resists oil breakdown and damaging deposits, providing outstanding protection and peak performance for the life of your equipment, maximizing productivity.

### Preventing Exhaust-Valve Sticking

Following 125 hours of severe-service testing in a Honda® 5 HP engine, Formula 4-Stroke Synthetic Small Engine Oil kept the valve guides in the engine pictured above right clean and functional. In contrast, using a leading oil brand, the engine pictured below right failed due to exhaust valve sticking. During engine disassembly, heavy deposits prevented test administrators from removing the valve.



AMSOIL Formula 4-Stroke Synthetic  
Small Engine Oil  
125 Hours



Leading Oil Brand  
125 Hours

### Fighting Carbon Buildup

Keeping piston ring and land areas clean is critical to maintaining the power and performance of your zero-turn mower. Following 500 hours of severe-service testing in the Kawasaki® FX 730 V engine, Formula 4-Stroke Synthetic Small Engine Oil kept pistons and rings virtually free of carbon and wear (see below).



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