

# Premium Protection for Lawn and Landscape Equipment

Premium AMSOIL synthetic lubricants help lawn and landscape professionals succeed by preserving the power of their equipment and extending equipment life, allowing them to work more efficiently and save money. Extensive equipment testing demonstrates the superior protection and performance provided by AMSOIL SABER® Professional Synthetic 2-Stroke Oil (ATP) and Formula 4-Stroke® 10W-30/SAE 30 Synthetic Small Engine Oil (ASE).



## 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 workers, increases the need for equipment maintenance, contributes to early equipment failure and hinders the 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 the equipment, keeping it on the job and contributing to the bottom line.

## 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.



**AMSOIL SABER Professional 300 Hours**



**Leading Oil Brand 300 Hours**



**AMSOIL SABER Professional 300 Hours**



**Leading Oil Brand 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.

## 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**



**AMSOIL Formula 4-Stroke  
Synthetic Small Engine Oil  
125 Hours**



**Leading Oil Brand  
125 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 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 the 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 left clean and functional. In contrast, using a leading oil brand, the engine pictured below left failed due to exhaust valve sticking. During engine disassembly, heavy deposits prevented test administrators from removing the valve.

### Fighting Carbon Buildup

Keeping piston ring and land areas clean is critical to maintaining the power and performance of zero-turn mowers. 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.



### Lawn & Landscape Professionals Brochure

AMSOIL and landscapers are a perfect match. We provide products that directly address the issues they face. You can solve their problems and help increase their profitability. The recently revised Lawn & Landscape Professionals brochure (G1056) is dialed-in to speak directly to landscapers. Order yours today to help you earn sales in this great market.

Stock #	Qty.	U.S.	Can.
G1056	1	1.05	1.45

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