

A LEGENDARY NAME IN MOTOR OIL



Macmillan
M
LUBRICANTS

Ring-Free

REVOLUTIONARY PERFORMANCE
IN A WORLD OF

GIANTS

In a world of giants, one oil company has consistently led the way in both technological achievement and on the race track proving ground to become one of the most respected names in the industry — **Macmillan Ring-Free**.

Revolutionary Formulations

Macmillan Ring-Free built its reputation with an “ahead-of-its-time” formulation unusually high in natural detergency and extreme pressure properties. Introduced at a time when most oil companies and auto designers felt that any mineral oil would lubricate just fine, Macmillan Ring-Free proved the advantages of performance products. Not only would Ring-Free protect against deposit formation, sludge and other contaminants, it would also free-up sticky rings, valves and pistons — which is how the name developed.

Protection against severe-service wear was also exceptional. The combination of these revolutionary performance benefits established Ring-Free as an in-demand lubricant among consumers and OEMs. It was also a prime supplier to the United States and Allied military forces during World War II.

It was during the war that Macmillan introduced another important innovation — the all fiber, paper can. This “tinless” can was developed to help the war effort by conserving precious metal. It remained a staple of the oil industry until the introduction of plastic bottles forty years later.



The proof was in the racing

From the start, Macmillan chose the most public proof of performance for its exceptional products — auto and air racing. In 1936, Macmillan produced the first three-time winner of the Indianapolis 500, Lou Meyer, driving “Ol’ Number Eight,” the “Ring-Free Special.” During the same period, Colonel Roscoe Turner, internationally renowned air racer, used Ring-Free in his winning aircraft.

We maintained an active racing program into the Eighties, pushing new motor oils and high-performance gear oils to the limits in high-speed vehicles on the Bonneville Salt Flats and in endurance races at Daytona, Sebring, Watkins Glen, Ontario, and Bridgehampton. We assembled and raced the first international all-women racing team. Their records for consecutive endurance racing award finishes still stand at Daytona and Sebring.



But racking up records was never the goal of our racing program. This was our opportunity to prove Ring-Free lubricants among the best in the world under the extreme conditions of endurance racing. The race track was our testing laboratory.



The most advanced lubricants available today

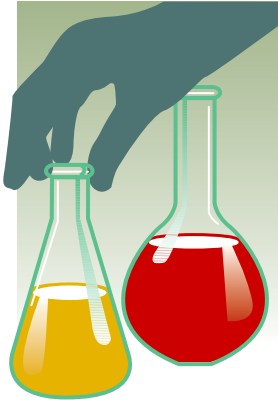
What do OEMs demand from lubricants today? Exceptional high-temperature extreme pressure performance and superior protection against deposit formation — performance categories we invented in 1929. We kept our customers ahead of the times then. We do the same today with a complete line of lubricants, ATFs, and gear oils for passenger car, heavy duty diesel, industrial and two-stroke applications. These are the most advanced technologies available in proven quality lubricants. They are proud bearers of the legendary Ring-Free name.





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RACING AHEAD WITH ADVANCED LUBRICATION TECHNOLOGY



A dedication to quality

Macmillan Ring-Free has a proud history of technological leadership. We've built our reputation for quality through a firm commitment to compounding high-performance lubricants. Select base stocks are carefully blended with fortified performance, antiwear and protective additives to meet

today's most exacting standards.

All Ring-Free products are batch blended and immediately certified by our technical laboratory to verify "on spec/in grade" compliance. Samples of each batch are retained for verification testing.

Advanced Technology

But the demands for continually more advanced lubricant performance become increasingly challenging. As automotive engineers develop more sophisticated engine and transmission designs, we have to be ready with lubricants that meet or exceed requirements for the reduction of deposits, friction and wear. By creating partnerships with both suppliers and customers, we are able to anticipate the needs of the marketplace and meet design changes with the latest breakthroughs in lubricant technology.





A TRADITION OF LEADERSHIP

- ◆ First company to use naphthenic base stocks to improve detergency and extreme pressure performance.
- ◆ Introduces the first all-fiber, paper can during WWII to conserve precious metal.
- ◆ First three-time winner of the Indianapolis 500.
- ◆ First all-women racing team. Endurance racing records still stand at Daytona and Sebring.



Macmillan



LUBRICANTS

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