



8104

MONOLEC®

Two-Cycle Engine Oil

Special formulation for heavy-duty service in chain saws, lawn mowers, portable generators, outboard motors, and similar two-cycle applications.

LE's 8104 MONOLEC Two-Cycle Engine Oil's special formulation instantly disperses in the fuel. This and other exclusive features of LE's 8104 MONOLEC Two-Cycle Engine Oil help achieve optimum performance in two cycle engines. LE's 8104 is blended with paraffinic base oils for greater film strength, lubricity and high natural Viscosity index. It contains MONOLEC, LE's exclusive wear-reducing additive.

In two-cycle engines, lubrication is achieved by mixing the lubricant with the fuel, and using the fuel coming into the carburetor as a carrier for the oil. Lubrication of the entire engine must be accomplished in a single pass through the system. The fuel/oil/air mixture passes from the carburetor into the combustion chamber in a split second, where high temperatures instantly vaporize the gasoline. The oil, in droplet form, must lubricate all moving parts of the crankshaft, plus the piston and cylinder. If combustion of the oil is incomplete, or by-products are deposited in the cylinder, serious problems can develop such as spark plug fouling, clogging and restriction of intake ports, piston ring sticking or piston scuffing.

USER BENEFITS:

- Effective anti-rust detergent-dispersant additives prevent internal rust even when engines are idle.
- Clean, complete combustion minimizes spark plug fouling, port clogging, ring sticking, piston scuffing and combustion chamber deposits.
- Mixes easily with all gasolines.
- Suitable for premix and injection systems.
- Special formulation promotes instantaneous mixing of oil and fuel.
- Unique LE formula enable engines to run smoother, cooler and more efficiently.
- Less maintenance because friction and wear are greatly reduced.
- Crankshaft bearings are better protected and last longer than with ordinary oils.
- Faster starting and overall improved engine performance.
- Special formulation promotes mixture of oil and gasoline at colder temperatures. Use where either SAE 30 or SAE 40 oils are specified.

TYPICAL APPLICATIONS:

Should be used according to the engine manufacturer's recommendation oil/gasoline mixing ratio.

- Chain saws
- Lawn Mowers
- Portable Generators
- Pumps
- Outboard Motors (under 50 hp)
- Snowmobiles (air-cooled engines)

MONOLEC?

MONOLEC is LE's exclusive wear-reducing additive, which has proven its extraordinary performance in thousands of applications. It is an invaluable component in LE's engine oils, industrial oils and other lubricants bearing the MONOLEC trademark.

MONOLEC creates a singular molecular lubricating film on the metal surface, vastly increasing film strength without affecting tolerances. MONOLEC allows opposing surfaces to slide by one another, greatly reducing friction, heat and wear.



LUBRICATION ENGINEERS, Inc.

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