



GIRLING 4 WHEEL LUBRICANTS

FUELING LONGEVITY, ONE DROP AT A TIME.

ABOUT GIRLING

Lucas was founded in 1845 and today is the oldest continuously trading automotive brand in the world. Girling was created one hundred years later and quickly became the preeminent braking and fluid control company, with products manufactured in the UK and globally.

Lucas products arise out of technical superiority and a spirit of innovation that has guaranteed ongoing international success – and Girling has followed the same path, with the same strong values giving customers the reassurance of excellence. A reputation based on a wide product range, along with exceptional durability and resistance. Guided by the past. Leading in the present. Looking towards the future.

WHY GIRLING OVER OTHER BRANDS?

- Legendary British brand since 1925
- Known brand in after market for its quality and reliability
- Provides an extensive range of automotive products
- Products are driven by innovation
- Combining an impressive heritage with a clear commitment for providing OE quality products now and in the future.



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GIRLING 20W50 ENGINE OIL

20W50 SL-grade engine oil is a multi-grade oil with API standards tailored for automotive engines.

FEATURES

- Provides effective lubrication across temperatures, with "20W" for cold flow and "50" for high-temp thickness.
- Offers enhanced protection for post-2001 engines, using premium additives to prevent wear, deposits, and oxidation.

BENEFITS

- Reduces wear and limits oil consumption in high-temp environments and older engines.
- Additives minimize metal contact, extending engine life.
- SL grade prevents sludge and deposit formation.
- Resists breakdown, extending oil life and reducing change frequency.

APPLICATIONS

Suitable for older or large engines, motorcycles, and heavy-duty applications.



GIRLING 0W20 SN GRADE ENGINE OIL

0W-20 SN-grade fully synthetic oil enhances fuel efficiency and protects modern engines, particularly those needing low-viscosity oil.

FEATURES

- Ensures smooth starts and reduces engine friction for better fuel efficiency.
- Provides superior protection against deposits, sludge, oxidation, and wear.
- Includes detergents and anti-wear agents to prevent low-speed pre-ignition (LSPI) in turbocharged engines.



BENEFITS

- Reduces engine drag, improving fuel economy and lowering emissions.
- Protects engine parts from wear, extending engine life.
- Minimizes sludge and deposit formation for a cleaner engine.
- Reduces oil consumption and supports catalytic converter efficiency.

APPLICATIONS

Ideal for cars needing improved fuel efficiency and designed for low-viscosity oils. Check your vehicle's manual for the correct oil grade.



GIRLING 5W30 SN ENGINE OIL

5W30 SN-grade oil, synthetic or semi-synthetic, is designed for modern engines.

FEATURES

- "5W" enables easy starts in cold weather; "30" provides proper lubrication at high temperatures.
- API-rated for gasoline engines, providing wear protection, sludge resistance, and oxidation resistance.
- Reduces oil consumption by minimizing evaporation at high temperatures.



BENEFITS

- Lower viscosity reduces engine drag, boosting fuel economy.
- Ensures quick lubrication during cold starts, reducing wear.
- Guards against wear, rust, and oxidation, extending engine life.
- Reliable at high temperatures, suitable for high-speed, high-load use.

APPLICATIONS

Perfect for modern gasoline engines, offering fuel efficiency, protection, and longer service intervals.



GIRLING 5W40 ENGINE OIL

5W40 CI-4 engine oil is a synthetic or semi-synthetic oil suitable for various gasoline and diesel engines.

FEATURES

- 5W for winter, 40 at operating temperature.
- Excellent performance in cold starts.
- Prevents sludge and deposits, keeping the engine cleaner.

BENEFITS

- Flows well in low temperatures, reducing startup wear.
- Consistent thickness at high temperatures shields components.
- Resists thermal breakdown, extending intervals.
- Provides better fuel economy compared to thicker oils.

APPLICATIONS

Suitable for older or high-mileage vehicles.

Ideal for moderate climates where cold starts aren't as severe as in colder regions.



GIRLING 10W40 ENGINE OIL

5W30 SN-grade oil, synthetic or semi-synthetic, is designed for modern engines.

FEATURES

- 10W (winter rating), 40 (operating temperature).
- Available in both conventional and synthetic forms.
- Enhanced engine cleaning properties.

BENEFITS

- Provides good cold start performance in moderately cold temperatures.
- Reduces friction and wear, improving the engine's life.
- Versatile across a wide range of operating temperatures.
- Prevents sludge and varnish build-up, keeping the engine clean.

APPLICATIONS

Ideal for gasoline and diesel engines in cold environments.

Suitable for turbocharged engines and vehicles needing synthetic oil.



HYDRAULIC OIL- 32-46-68-100

Hydraulic oils are essential for hydraulic machinery, providing lubrication, reducing wear, and ensuring smooth operation.

FEATURES

- Additives reduce wear in components like pumps and valves, extending equipment life.
- Resists oxidation, preventing sludge and keeping systems cleaner for longer.
- Withstands high temperatures for consistent performance in heavy-duty tasks.
- Forms a protective layer against rust, essential for equipment longevity.
- Quickly separates from water, avoiding potential damage from emulsification.
- Minimizes foaming, ensuring effective lubrication in high-speed conditions.



APPLICATIONS

- Used in pumps, motors, and actuators in machinery like construction equipment.
- Found in manufacturing plants and automation systems.
- Essential for forklifts, cranes, and agricultural machinery.
- Higher viscosities (68, 100) support heavy equipment under high pressures.
- Applied in ship steering and deck machinery where moisture levels are high.
- Supports aircraft hydraulic systems like landing gear and brakes.

VISCOSITY GRADES:

- E32: Low viscosity, ideal for precision systems and cold climates.
- 46: Medium viscosity, balanced for general hydraulic systems.
- 68: Higher viscosity for demanding systems and high temperatures.
- 100: Very high viscosity, suited for extreme conditions and high temperatures.

These oils support efficient hydraulic system operation across diverse applications.

GIRLING 15W40 CI-4 ENGINE OIL

A robust, multi-grade oil designed for heavy-duty diesel engines, formulated to provide excellent wear protection, soot control, and stability under high temperatures and severe driving conditions.

FEATURES

- 15W (winter rating), 40 (operating temperature).
- CI-4 (Compression Ignition - 4) is a rating for diesel engines.
- Primarily conventional oil, though synthetic blends are available.
- High thermal and oxidation stability.
- Designed to meet the demands of high-performance diesel engines.



BENEFITS

- Primarily used in heavy-duty diesel engines like trucks, buses, and agricultural machinery.
- Ideal for fleets, construction equipment, and off-highway vehicles.
- Enhanced wear protection, even under heavy load and high temperatures.
- Protects against soot-related wear in diesel engines, maintaining oil viscosity.

APPLICATIONS

- E32: Low viscosity, ideal for precision systems and cold climates.
- 46: Medium viscosity, balanced for general hydraulic systems.
- Meets the performance requirements of most diesel engine manufacturers, especially for engines with turbochargers.

SUMMARY

- 5W40: Best for cold climates and modern engines, offers high fuel efficiency.
 - 10W40: Versatile oil, suitable for older vehicles in moderate climates.
 - 15W40 CI-4: Designed for heavy-duty diesel engines, offering excellent wear protection and stability.
- Each oil serves different needs based on engine type, environment, and performance requirements.

GIRLING RADIATOR COOLANT - ANTIFREEZE

Radiator coolant, also known as antifreeze, is crucial for maintaining the performance and longevity of vehicle engines. It typically consists of water and various additives, with ethylene glycol or propylene glycol being the most common base substances. The coolant is available in different concentrations, such as 33% and 50%.

GIRLING 33% COOLANT

FEATURES

- 33% coolant (antifreeze) mixed with 67% water.
- Protects down to approximately -10°F (-23°C).
- Slightly raises the boiling point of water.

BENEFITS

- Offers basic protection against freezing and boiling over.
- Usually less expensive than higher concentrations while still providing adequate protection for mild climates.
- Contains additives that protect metal parts from rust and corrosion.

APPLICATIONS

- Ideal for areas where temperatures do not drop significantly below freezing.
- Suitable for passenger vehicles and light-duty trucks in average weather conditions.



GIRLING 50% COOLANT

FEATURES

- 50% coolant mixed with 50% water.
- Protects down to approximately -34°F (-37°C).
- Significantly raises the boiling point, making it effective in high-temperature conditions.

BENEFITS

- Provides better freeze and boil-over protection compared to lower concentrations.
- Often includes additives that enhance the life of the coolant, providing extended intervals between changes.
- The right mixture optimizes the heat transfer properties of the coolant, helping to maintain engine temperatures.

APPLICATIONS

- Recommended for areas experiencing extreme cold or heat.
- Beneficial for performance vehicles or heavy-duty trucks that operate under strenuous conditions.
- Suitable for applications where high temperature and stress are expected.

SUMMARY

When choosing between 33% and 50% radiator coolant, consider the climate and the specific needs of your vehicle. A 33% mixture is sufficient for mild climates, while a 50% mixture offers superior protection for extreme temperatures and high-performance applications. Proper coolant maintenance is essential for preventing engine damage, ensuring efficient operation, and prolonging the life of the vehicle.



WINDSCREEN WASHER FLUID

CONCENTRATED, SCENTED, CLEARS INSECTS

WINDSHIELD WASHER FLUIDS

Windshield washer fluids come with various features and benefits that enhance vehicle maintenance and driving safety.

FEATURES

- **Cleaning Agents:** Most washer fluids contain detergents and surfactants that break down grime, dirt, and insects.
- **Anti-freeze Properties:** Many formulas are designed to prevent freezing in cold weather, ensuring that the fluid remains liquid and usable.
- **Tinted Formulas:** Some fluids are colored to provide better visibility when checking fluid levels or to indicate the type of fluid.
- **Biodegradable Options:** Eco-friendly formulas are available, which break down naturally and are less harmful to the environment.
- **Windshield Coating Enhancers:** Some fluids include polymers that help repel water, improving visibility during rain.



BENEFITS

- **Enhanced Visibility:** Clearer windshields contribute to better visibility, reducing the risk of accidents.
- **Protection from Build-up:** Regular use prevents the accumulation of dirt, grime, and other residues that can obstruct vision.
- **Weather Resistance:** Anti-freeze properties ensure that the fluid functions effectively in various weather conditions.
- **Cost-effective Maintenance:** A good washer fluid can help maintain the integrity of your windshield wipers, extending their lifespan.
- **Convenience:** Ready-to-use formulas eliminate the need for mixing, making it easy to refill the reservoir.

Using the right windshield washer fluid can significantly enhance driving safety and comfort.



PENETRATING OIL

CONCENTRATED, SCENTED, CLEARS INSECTS

WINDSHIELD WASHER FLUIDS

Windshield washer fluids come with various features and benefits that enhance vehicle maintenance and driving safety.

FEATURES

1. PROTECTS

Against rust, environmental corrosion for items like Tools, Firearms, Sporting Equipment etc.

2. PENETRATES

To free stuck parts like Hinges, Nuts, Bolts, Valves, Locks, Castors, Springs, Taps etc.

3. DISPLACES MOISTURE

Drives out water from metal surfaces such as Engines, Spark Plugs, Power Tools (incl. garden), Motorcycle Engines and Outboard Motors.

4. CLEANS AND LUBRICATES

Against rust, environmental corrosion for items like Tools, Firearms, Sporting Equipment etc.

5. FREE STICKY MECHANISMS

Removes Jams and Lubricates Door Locks, Zippers, Sewing Machines, Typewriter keys, Controls, Linkages, Cables etc.



Girling Fluids, A/C Gas and Emergency Lighting

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