



MILLERS OILS



Getting you
back on track
using your vehicle

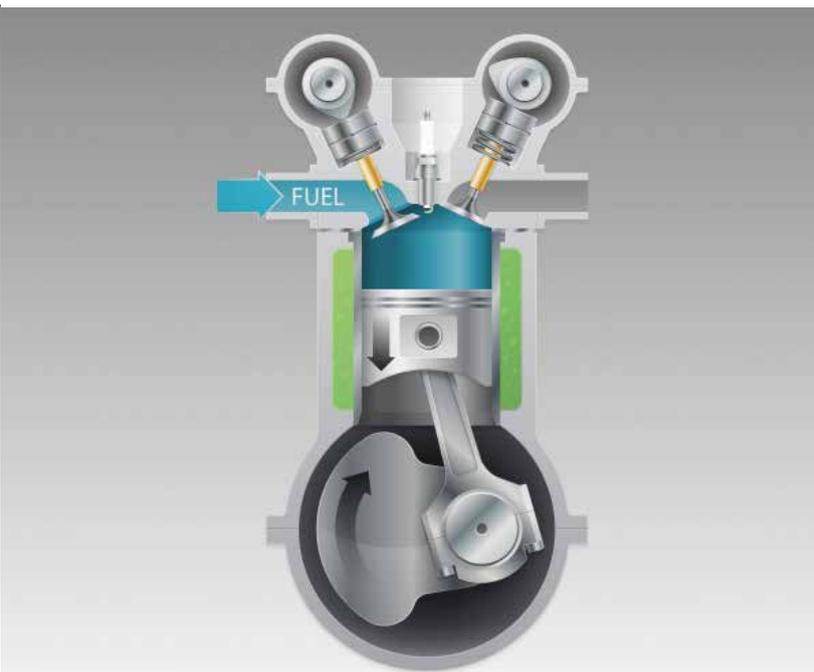
FILL UP, TOP UP, RUN CLEAN



Car Longevity

Making your current vehicle last longer and aiding engine longevity will be at the forefront of a lot of people's minds. It's also something we've been thinking a lot about at Millers Oils, and more importantly about how we can help you do this.

Here is our short guide on vehicle longevity – just putting in a few small practices into your routine can help prolong your engine life and make for a smoother running vehicle, saving you larger costs on repair bills or a new vehicle.



Looking after your engine

How fresh is your engine oil? Engine oil is formulated to last the duration of a service interval in either time or miles – whichever comes first. However, there are benefits to doing more frequent oil changes. Cleaner oil has better lubrication properties and therefore is better at friction reduction, making the engine run smoother. It can also improve your vehicle's fuel economy.

If you are thinking of changing your engine oil but are unsure of the oil your vehicle needs check your handbook, and then find out which Millers Oils product best suits your application by using our Which Oil guide on our website – or by contacting our Technical Help Desk.



Engine Flush

Is a product to be added to the oil in an engine before a drain and refill is to take place. This is suitable for all cars and light vans - petrol or diesel engines

Before an engine oil change we recommend you use an engine flush for best results.

Benefits

- Safely cleans lacquer, varnish, dissolves sludge and insoluble deposits
- Frees sticking VVT systems, HVL's and piston rings
- Ensures oil flow to critical moving parts by cleaning oil ways
- By providing anti-wear protection it maintains and protects the engine
- Neutralises crankcase acids

Top Tips

When considering a vehicle service please remember that it should be done at mileage or time period but this can differ from the car and manufacturer, for example, every 12 months or 10,000 miles – but whichever comes first. If you have only done 7,000 miles but 12 months has passed you should still book in for a service. These guidelines are in place for the longevity of your vehicle.

Fuel System

Injectors have the vital job of dispensing fuel into the engine efficiently.

Components like injectors in the fuel system can become dirty over time, one way this happens is hardened lacquering on the injector spray holes. The lacquering can then effect the spray pattern of the injectors meaning fuel is not dispersed properly. This then effects engine performance, resulting in poor efficiency and fuel economy.

To help prevent this you need to incorporate a treatment into your routine that contains detergency.



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Diesel Injector Cleaner



Petrol Injector Cleaner



For initial clean up, especially if you suspect you have lacquering, use either the petrol or diesel injector cleaner treatment.

Injector Cleaners

The diesel and petrol injector cleaners are a maximum strength, highly concentrated cleaning agent developed to remove deposits from diesel fuel injection systems. Add to the fuel tank prior to refuelling. Treats 60 litres

Benefits

- Helps restore power and acceleration
- Reduced exhaust emissions
- Cleans fuel injecton systems
- Helps increase diesel fuel economy

Benefits

- Overcome rough engine running
- Engine emissions reduced
- Improved torque, power and acceleration
- Fuel system corrosion protection improved

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Diesel Power ECOMAX



Petrol Power ECOMAX



An all-in-one fuel treatment designed to be added to the tank prior to re-fuelling

For continued protection, use diesel or petrol ECOMAX each time you top up with fuel to maintain system cleanliness.

A cetane booster and detergent package

Benefits

- Increased cetane rating of diesel by 4 numbers
- Improved combustion and engine cleanliness drastically reduce emissions of hydrocarbons and carbon dioxide
- Enhanced detergency package and lubricity enhancers
- Improved throttle and engine response at lower revs

A octane booster and detergent package

Benefits

- Increased octane rating of fuel by up to 2 numbers
- Improved efficiency and cleanliness of petrol injectors and carburettor jets
- Efficient detergent package to clean and maintain 'as good as new' conditions within engine and fuel system
- Reduces emissions of hydrocarbons

Expert Advice

Has your vehicle been parked up for longer than usual?

Did you know when the fuel is left in the tank the volatile components, octane for petrol, cetane for diesel will start to reduce off. To help with this you can add a fuel treatment to the tank during the lay up or just before you want to start using it again.

We recommend incorporating our Diesel or Petrol Power Ecomax into your fuel top up routine. This will help bring the fuel quality back up helping your engine run as normal once it is up and running on the road again.

Have you got a diesel vehicle doing reduced mileage?

Cars fitted with a DPF that recently have only been doing short distance trips may end up with build up or a blocked DPF system. To replace this or to do a manual clean-up is very expensive, however it is a vital component in a diesel vehicle and can't be left blocked.

Our Diesel Particulate Filter Cleaner and Regenerator will force the filter to regenerate and burn off excess soot.

Diesel Particulate Cleaner is a one shot diesel additive designed to clean Diesel Particulate Filters (DPFs). Ensures a cleaner more efficient DPF.

By addition to the fuel tank prior to refuelling

Benefits

- One shot treatment for fast results without the expense of dismantling or renewal
- Lowers the temperature of regeneration assisting the removal of trapped soot particles
- Cleans the DPF, providing optimum fuel economy, reducing and restoring engine power
- Highly suitable where short trip stop start driving is the norm



Don't neglect your engine ask for an EPP service upgrade

The Emissions Performance Programme (EPP) is a professional programme for garages which provides them with a package specially designed to improve the quality of service.



The EPP service goes much further than a regular service as it is made to keep your engine's fuel system clean. It helps to tackle common issues that occur inside your vehicle which can go undetected and may not be resolved in a standard service with a simple oil change.

Benefits

- A promise to pass the emissions element of the MOT test
- Improved fuel economy
- Easier start-up and smoother drive
- Increased power for better acceleration
- Increased life of catalytic converter and EGR system

Ask your garage to use the EPP upgrade prior to your MOT, or contact Millers Oils to find your local garage able to provide this service.

THE EMISSION PERFORMANCE PROGRAMME BY MILLERS OILS



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All products and information are reflective of the latest specifications at the time of going to print. The company reserves the right to change formulations and specifications without prior notice.

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