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If your car has ever stalled while youâ€™re on your way home or to an important meeting, then you know how important it is to keep your car in perfect condition. Instances like these can be an inconvenience and even a life hazard if left unchecked. This is why car experts and mechanics always remind drivers that a well-lubricated car can benefit you in the long run.

The primary role of oil in your engine is to prevent corrosion and to reduce friction between the moving parts. It also helps dissipate heat, and slows down the effects of engine wear and combustion. Regular oil analysis is vital to keep the engine, and the car, working. Oil analysis kits basically help you gauge the condition of the oil in your engine, and can tell what you need about oil and machine.

Oil analysis involves taking a sample of oil from your engine and analyzing it for micro-sized by-products that serve as indicators of contamination and wear in the engine, the transmission, or the hydraulic system. When oil has been inside a machine for some time, it can give you an accurate picture of what the machineâ€™s status. The oil sample can be treated as a working history of the engine part youâ€™re checking.

The primary advantage of conducting regular oil analysis is to know about problems before they fully manifest. Wouldnâ€™t it be great if you can find out about small problems before they cause complications that can stall your car at the worst possible time? This would save a lot of inconvenience.

With motor oil analysis, you would know about problems beforehand and can do something about it immediately. This means less risk of engine trouble and less maintenance costs. When you prevent engine failure you ensure that you wonâ€™t take public transportation to work while your car sits in the garage waiting for repair.

But used oil analysis kits donâ€™t only tell you if the machine has problems. It can also tell you when to change your oil. Most people change their oil frequently, even when they donâ€™t need to. Oil analysis can tell you when the oil is still viable for use so you can save on oil change costs and services.

Car oil analysis can help keep your car in good running condition. It will also prevent damage to most parts due to rust and corrosion. For more information, you can visit Grounds-Mag.com or PetroleumAnalyticalLab.com.

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