

# NEW TO AUSTRALIA



## e-Monitor Oil Analysis is Here

**e-Monitor** is a new product to the automotive industry in Australia. **e-Monitor** offers the automotive industry a predictive condition monitoring service similar to that which has been available to the Mining, Construction, Earthmoving and Transport Industries for many years. **e-Monitor** has been developed as an easy to use, rapid, accurate tool for automotive enthusiasts and DIY home mechanics alike.

**e-Monitor** is a wholly Australian product that offers many benefits to the automotive enthusiast and public such as :

- **Monitoring internal wear** in Engines, Transmissions, Differentials and Power steering eg. piston ring and cylinder wear, bearing wear, gear wear, **before it's too late!**

- **Detect oil contamination** eg. fuel dilution, dirt entry, internal coolant leaks, water entry, to prevent early (costly) mechanical wear / failure.

- **Extend oil change intervals** with the confidence of knowing oil condition / performance.

- **Pre-purchase peace of mind** by knowing the internal mechanical condition **before you buy a vehicle.**

- **Oil analysis reports as an aid for selling** your Car, Truck, Boat, Motor Bike.



■ **Pinpoint mechanical problems** accurately with ease.

■ **Is your vehicle OK before the warranty period ends?**

### ANSWERS TO COMMON QUESTIONS:

◆ **Q. e-Monitor, What is it ?**

◆ **A. e-Monitor** is a low cost predictive maintenance program that detects problem causing contaminants and out-of-normal wear rates in lubricating systems. The purpose of **e-Monitor** is to provide you with a method of monitoring the trend of wear in the moving parts of your vehicle. This allows you to spot any changes in normal wear and to prevent any costly mechanical failures. **e-Monitor** also tells you if your oil needs changing or if it is still good for extended service and longer drain intervals.

◆ **How does it work ?**

◆ Very simple! **e-Monitor** runs a sample of your oil through two categories of tests, "physical and chemical" and is structured to look at the condition of the oil and measure contaminants.

◆ **Q. How can a sample of oil tell me what's wrong with my vehicle ?**

◆ **A.** As the oil passes through the lubrication system it picks up sub-microscopic particles of metal from wearing parts in the equipment and holds them in suspension. **e-Monitor** testing can read the elements in your oil and determine the amounts present. We can tell you if your vehicle is wearing excessively and suggest where to look for possible causes for repairs.

**For more information about e-Monitor please refer to your parts supplier.**

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### METAL SOURCES:

<b>Aluminium:</b>	Pistons, bearings, bushings, washers, gears, housings.
<b>Chromium:</b>	Piston rings, chrome cylinders (rams), gears.
<b>Copper:</b>	Bearings, bushings, washers, oil coolers.
<b>Iron:</b>	Cylinders, crankshaft, valve train, piston pins, rings, gears, bearings.
<b>Lead:</b>	Bearings, gasoline additive.
<b>Tin:</b>	Bearings, plating on pistons, alloy of bronze (copper-tin).

### BENEFITS OF E-MONITOR

- Stop costly abrasion and wear.
- Spot coolant leaks.
- Detect and measure fuel dilution.
- Verify warranty problems.
- Spot operator abuse.
- Spot oil degradation.
- Monitor air filtration systems.
- Determine your best oil change intervals.
- Extend equipment life.
- Increase equipment trade-in value.
- Stop progressive damage and breakdowns.
- Peace of mind when buying a used vehicle.

### Oil Analysis Report

<b>1. CUSTOMER DETAILS:</b> Customer Name: _____ Address: _____ Telephone: _____		<b>2. VEHICLE DETAILS:</b> Make/Model: _____ Year: _____ Mileage: _____ System Capacity: _____		<b>3. SAMPLE STATUS:</b> Legend: ✓ = OK ? = CAUTION ✗ = FAILURE	
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**4. INTERPRETATION AND RECOMMENDED ACTION:**  
 Please note and follow these instructions. If any abnormality is detected, please refer to the relevant section of the report for further details. If the results are satisfactory, please refer to the relevant section of the report for further details.

**5. SAMPLE AND ANALYSIS DATA:** (Please refer to the second page of this report for a description of the tests)

UPLI TESTS	Current Results	Unit	Previous Results	Previous Results	Previous Results	Previous Results
SAMPLE NO. (if not)	1011110	✓	1011110	✓	1011110	✓
DATE (SAMPLED)	01/11/2000	✓	01/11/2000	✓	01/11/2000	✓
DATE (ANALYSIS)	01/11/2000	✓	01/11/2000	✓	01/11/2000	✓
VEHICLE TYPE	Passenger Car	✓	Passenger Car	✓	Passenger Car	✓
VEHICLE MAKE	Toyota	✓	Toyota	✓	Toyota	✓
VEHICLE MODEL	Camry	✓	Camry	✓	Camry	✓
VEHICLE YEAR	2000	✓	2000	✓	2000	✓
VEHICLE MILEAGE	10000	✓	10000	✓	10000	✓
VEHICLE TYPE	Passenger Car	✓	Passenger Car	✓	Passenger Car	✓
VEHICLE MAKE	Toyota	✓	Toyota	✓	Toyota	✓
VEHICLE MODEL	Camry	✓	Camry	✓	Camry	✓
VEHICLE YEAR	2000	✓	2000	✓	2000	✓
VEHICLE MILEAGE	10000	✓	10000	✓	10000	✓
VEHICLE TYPE	Passenger Car	✓	Passenger Car	✓	Passenger Car	✓
VEHICLE MAKE	Toyota	✓	Toyota	✓	Toyota	✓
VEHICLE MODEL	Camry	✓	Camry	✓	Camry	✓
VEHICLE YEAR	2000	✓	2000	✓	2000	✓
VEHICLE MILEAGE	10000	✓	10000	✓	10000	✓
VEHICLE TYPE	Passenger Car	✓	Passenger Car	✓	Passenger Car	✓
VEHICLE MAKE	Toyota	✓	Toyota	✓	Toyota	✓
VEHICLE MODEL	Camry	✓	Camry	✓	Camry	✓
VEHICLE YEAR	2000	✓	2000	✓	2000	✓
VEHICLE MILEAGE	10000	✓	10000	✓	10000	✓
VEHICLE TYPE	Passenger Car	✓	Passenger Car	✓	Passenger Car	✓
VEHICLE MAKE	Toyota	✓	Toyota	✓	Toyota	✓
VEHICLE MODEL	Camry	✓	Camry	✓	Camry	✓
VEHICLE YEAR	2000	✓	2000	✓	2000	✓
VEHICLE MILEAGE	10000	✓	10000	✓	10000	✓
VEHICLE TYPE	Passenger Car	✓	Passenger Car	✓	Passenger Car	✓
VEHICLE MAKE	Toyota	✓	Toyota	✓	Toyota	✓
VEHICLE MODEL	Camry	✓	Camry	✓	Camry	✓
VEHICLE YEAR	2000	✓	2000	✓	2000	✓
VEHICLE MILEAGE	10000	✓	10000	✓	10000	✓
VEHICLE TYPE	Passenger Car	✓	Passenger Car	✓	Passenger Car	✓
VEHICLE MAKE	Toyota	✓	Toyota	✓	Toyota	✓
VEHICLE MODEL	Camry	✓	Camry	✓	Camry	✓
VEHICLE YEAR	2000	✓	2000	✓	2000	✓
VEHICLE MILEAGE	10000	✓	10000	✓	10000	✓
VEHICLE TYPE	Passenger Car	✓	Passenger Car	✓	Passenger Car	✓
VEHICLE MAKE	Toyota	✓	Toyota	✓	Toyota	✓
VEHICLE MODEL	Camry	✓	Camry	✓	Camry	✓
VEHICLE YEAR	2000	✓	2000	✓	2000	✓
VEHICLE MILEAGE	10000	✓	10000	✓	10000	✓
VEHICLE TYPE	Passenger Car	✓	Passenger Car	✓	Passenger Car	✓
VEHICLE MAKE	Toyota	✓	Toyota	✓	Toyota	✓
VEHICLE MODEL	Camry	✓	Camry	✓	Camry	✓
VEHICLE YEAR	2000	✓	2000	✓	2000	✓
VEHICLE MILEAGE	10000	✓	10000	✓	10000	✓
VEHICLE TYPE	Passenger Car	✓	Passenger Car	✓	Passenger Car	✓
VEHICLE MAKE	Toyota	✓	Toyota	✓	Toyota	✓
VEHICLE MODEL	Camry	✓	Camry	✓	Camry	✓
VEHICLE YEAR	2000	✓	2000	✓	2000	✓
VEHICLE MILEAGE	10000	✓	10000	✓	10000	✓
VEHICLE TYPE	Passenger Car	✓	Passenger Car	✓	Passenger Car	✓
VEHICLE MAKE	Toyota	✓	Toyota	✓	Toyota	✓
VEHICLE MODEL	Camry	✓	Camry	✓	Camry	✓
VEHICLE YEAR	2000	✓	2000	✓	2000	✓
VEHICLE MILEAGE	10000	✓	10000	✓	10000	✓
VEHICLE TYPE	Passenger Car	✓	Passenger Car	✓	Passenger Car	✓
VEHICLE MAKE	Toyota	✓	Toyota	✓	Toyota	✓
VEHICLE MODEL	Camry	✓	Camry	✓	Camry	✓
VEHICLE YEAR	2000	✓	2000	✓	2000	✓
VEHICLE MILEAGE	10000	✓	10000	✓	10000	✓
VEHICLE TYPE	Passenger Car	✓	Passenger Car	✓	Passenger Car	✓
VEHICLE MAKE	Toyota	✓	Toyota	✓	Toyota	✓
VEHICLE MODEL	Camry	✓	Camry	✓	Camry	✓
VEHICLE YEAR	2000	✓	2000	✓	2000	✓
VEHICLE MILEAGE	10000	✓	10000	✓	10000	✓
VEHICLE TYPE	Passenger Car	✓	Passenger Car	✓	Passenger Car	✓
VEHICLE MAKE	Toyota	✓	Toyota	✓	Toyota	✓
VEHICLE MODEL	Camry	✓	Camry	✓	Camry	✓
VEHICLE YEAR	2000	✓	2000	✓	2000	✓
VEHICLE MILEAGE	10000	✓	10000	✓	10000	✓
VEHICLE TYPE	Passenger Car	✓	Passenger Car	✓	Passenger Car	✓
VEHICLE MAKE	Toyota	✓	Toyota	✓	Toyota	✓
VEHICLE MODEL	Camry	✓	Camry	✓	Camry	✓
VEHICLE YEAR	2000	✓	2000	✓	2000	✓
VEHICLE MILEAGE	10000	✓	10000	✓	10000	✓
VEHICLE TYPE	Passenger Car	✓	Passenger Car	✓	Passenger Car	✓
VEHICLE MAKE	Toyota	✓	Toyota	✓	Toyota	✓
VEHICLE MODEL	Camry	✓	Camry	✓	Camry	✓
VEHICLE YEAR	2000	✓	2000	✓	2000	✓
VEHICLE MILEAGE	10000	✓	10000	✓	10000	✓
VEHICLE TYPE	Passenger Car	✓	Passenger Car	✓	Passenger Car	✓
VEHICLE MAKE	Toyota	✓	Toyota	✓	Toyota	✓
VEHICLE MODEL	Camry	✓	Camry	✓	Camry	✓
VEHICLE YEAR	2000	✓	2000	✓	2000	✓
VEHICLE MILEAGE	10000	✓	10000	✓	10000	✓
VEHICLE TYPE	Passenger Car	✓	Passenger Car	✓	Passenger Car	✓
VEHICLE MAKE	Toyota	✓	Toyota	✓	Toyota	✓
VEHICLE MODEL	Camry	✓	Camry	✓	Camry	✓
VEHICLE YEAR	2000	✓	2000	✓	2000	✓
VEHICLE MILEAGE	10000	✓	10000	✓	10000	✓
VEHICLE TYPE	Passenger Car	✓	Passenger Car	✓	Passenger Car	✓
VEHICLE MAKE	Toyota	✓	Toyota	✓	Toyota	✓
VEHICLE MODEL	Camry	✓	Camry	✓	Camry	✓
VEHICLE YEAR	2000	✓	2000	✓	2000	✓
VEHICLE MILEAGE	10000	✓	10000	✓	10000	✓
VEHICLE TYPE	Passenger Car	✓	Passenger Car	✓	Passenger Car	✓
VEHICLE MAKE	Toyota	✓	Toyota	✓	Toyota	✓
VEHICLE MODEL	Camry	✓	Camry	✓	Camry	✓
VEHICLE YEAR	2000	✓	2000	✓	2000	✓
VEHICLE MILEAGE	10000	✓	10000	✓	10000	✓
VEHICLE TYPE	Passenger Car	✓	Passenger Car	✓	Passenger Car	✓
VEHICLE MAKE	Toyota	✓	Toyota	✓	Toyota	✓
VEHICLE MODEL	Camry	✓	Camry	✓	Camry	✓
VEHICLE YEAR	2000	✓	2000	✓	2000	✓
VEHICLE MILEAGE	10000	✓	10000	✓	10000	✓
VEHICLE TYPE	Passenger Car	✓	Passenger Car	✓	Passenger Car	✓
VEHICLE MAKE	Toyota	✓	Toyota	✓	Toyota	✓
VEHICLE MODEL	Camry	✓	Camry	✓	Camry	✓
VEHICLE YEAR	2000	✓	2000	✓	2000	✓
VEHICLE MILEAGE	10000	✓	10000	✓	10000	✓
VEHICLE TYPE	Passenger Car	✓	Passenger Car	✓	Passenger Car	✓
VEHICLE MAKE	Toyota	✓	Toyota	✓	Toyota	✓
VEHICLE MODEL	Camry	✓	Camry	✓	Camry	✓
VEHICLE YEAR	2000	✓	2000	✓	2000	✓
VEHICLE MILEAGE	10000	✓	10000	✓	10000	✓
VEHICLE TYPE	Passenger Car	✓	Passenger Car	✓	Passenger Car	✓
VEHICLE MAKE	Toyota	✓	Toyota	✓	Toyota	✓
VEHICLE MODEL	Camry	✓	Camry	✓	Camry	✓
VEHICLE YEAR	2000	✓	2000	✓	2000	✓
VEHICLE MILEAGE	10000	✓	10000	✓	10000	✓
VEHICLE TYPE	Passenger Car	✓	Passenger Car	✓	Passenger Car	✓
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VEHICLE MODEL	Camry	✓	Camry	✓	Camry	✓
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VEHICLE MILEAGE	10000	✓	10000	✓	10000	✓
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VEHICLE YEAR	2000	✓	2000	✓	2000	✓
VEHICLE MILEAGE	10000	✓	10000	✓	10000	✓
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VEHICLE MODEL	Camry	✓	Camry	✓	Camry	✓
VEHICLE YEAR	2000	✓	2000	✓	2000	✓
VEHICLE MILEAGE	10000	✓	10000	✓	10000	✓
VEHICLE TYPE	Passenger Car	✓	Passenger Car	✓	Passenger Car	✓
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VEHICLE MODEL	Camry	✓	Camry	✓	Camry	✓
VEHICLE YEAR	2000	✓	2000	✓	2000	✓
VEHICLE MILEAGE	10000	✓	10000	✓	10000	✓
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VEHICLE MODEL	Camry	✓	Camry	✓	Camry	✓
VEHICLE YEAR	2000	✓	2000	✓	2000	✓
VEHICLE MILEAGE	10000	✓	10000	✓	10000	✓
VEHICLE TYPE	Passenger Car	✓	Passenger Car	✓	Passenger Car	✓
VEHICLE MAKE	Toyota	✓	Toyota	✓	Toyota	✓
VEHICLE MODEL	Camry	✓	Camry	✓	Camry	✓
VEHICLE YEAR	2000	✓	2000	✓	2000	✓
VEHICLE MILEAGE	10000	✓	10000	✓	10000	✓
VEHICLE TYPE	Passenger Car	✓	Passenger Car	✓	Passenger Car	✓
VEHICLE MAKE	Toyota	✓	Toyota	✓	Toyota	✓
VEHICLE MODEL	Camry	✓	Camry	✓	Camry	✓
VEHICLE YEAR	2000	✓	2000	✓	2000	✓
VEHICLE MILEAGE	10000	✓	10000	✓	10000	✓
VEHICLE TYPE	Passenger Car	✓	Passenger Car	✓	Passenger Car	✓
VEHICLE MAKE	Toyota	✓	Toyota	✓	Toyota	✓
VEHICLE MODEL	Camry	✓	Camry	✓	Camry	✓
VEHICLE YEAR	2000	✓	2000	✓	2000	✓
VEHICLE MILEAGE	10000	✓	10000	✓	10000	✓
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VEHICLE MODEL	Camry	✓	Camry	✓	Camry	✓
VEHICLE YEAR	2000	✓	2000	✓	2000	✓
VEHICLE MILEAGE	10000	✓	10000	✓	10000	✓
VEHICLE TYPE	Passenger Car	✓	Passenger Car	✓	Passenger Car	✓
VEHICLE MAKE	Toyota	✓	Toyota	✓	Toyota	✓
VEHICLE MODEL	Camry	✓	Camry	✓	Camry	✓
VEHICLE YEAR	2000	✓	2000			