



ProtXL oil maintenance system will not Void Machine Warranty

The ProtXL Fuel Maintenance System can be fitted to both fixed and mobile plant. Sizing of the system depends on the engine fuel demand, or the required flow of fuel.

The ProtXL Fuel System uses the same replacement elements as the ProtXL Oil Maintenance System. An associated company, O.R.N. Fuel and Oil Recovery Services Pty Ltd utilises the ProtXL Maintenance Systems. O.R.N. is able to provide a service to clean fuels, oils (including transformer oil), tanks and reservoirs by using mobile equipment.

For cleaning of oil and diesel contact should be made through your local agent.

PRICE LIST - April 2002

OIL MAINTENANCE SYSTEMS

ELEMENT		QTY	PRICE \$A/M
WO100HP	(engine rating 100HP)	1	
WO130HP	(engine rating 130HP)	1	
WO250HP	(engine rating 250HP)	1	
WO500HP	(engine rating 500HP)	2	
WO800HP	(engine rating 800HP)	1	
WO800HPS-S	(Stainless Steel Housing)	1	
WO1600HP	(engine rating 1600HP)	2	
WO1600HPS-S	(Stainless Steel Housing)	2	

REPLACEMENT ELEMENTS - OIL & FUEL

W75HPOE	(suits OJ Filters)
W100HPOE	(suits WO100HP)
W130HPOE	(suits WO130HP, WF4LPM)
W250HPOE	(suits WO250HP, WO500HP, WF8LPM, WF16LPM)
W800HPOE	(suits WO800HP, WO1600HP, WF25LPM, WF50LPM)

FUEL MAINTENANCE SYSTEMS

WF4LPM	(flow rate 4 lpm)	1
WF8LPM	(flow rate 8 lpm)	1
WF16LPM	(flow rate 16 lpm)	2
WF25LPM	(flow rate 25 lpm)	1
WF50LPM	(flow rate 50 lpm)	2

All prices exclude GST and Delivery.

Winchester Global Pty Ltd

Appointed Master Australasian Distributor for



Maintenance Systems

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Your Local Agent:



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Extending the Oil change and Equipment Service Life whilst reducing costs



ProtXL

Oil Maintenance Systems (patent pending)

The wear of lubricated machinery is almost totally determined by the amount of contamination of the lubricant.

Implementing ProtXL will extend the service interval and produce spectacular improvements in the service life of equipment with very significant cost savings.

ProtXL Maintenance Systems have the unique ability to remove water in oil emulsion and contaminants down to 1-3 micron (on multiple passes). Thereby maintaining the TBN and contamination at an acceptable level for longer. This reduces the formation of sulphuric acid and contributes towards maintaining the TBN.

By following the ProtXL program, the operator can safely progressively monitor 250 hour oil analysis results to find the optimum oil change for that particular engine in its working environment.

The MG Kailis fleets of 60 trawlers have for over 6 years changed their oil once per season after 3,500 hours on main engines and 5,000 hours on auxiliaries. This has resulted in 90% reduction in the use of oil and significant reduction in the use of spin on oil filters and associated disposal costs.



The ProtXL maintenance system has been developed to protect valuable machinery from the ravages of water invasion, dust, carbon, sulfur and wear metal contamination.

ProtXL Oil Maintenance Systems are fitted to both fixed and mobile plant.

Sizing of the system is rated on engine horse power, service interval desired and reservoir size or system capacity for hydraulics, gearboxes and lubricating systems.

The benefits of ProtXL oil maintenance systems include:

- The removal of water in oil emulsion reducing the formation of sludge and acids. So maintaining the oils TBN value at an acceptable level.
- Maintaining the oil quality and service life for longer, thereby increasing the oil drain period.
- Extended use of standard filters.
- Reduced engine wear because it is operating on clean oil.



You should re-consider why oil is changed to appreciate how it is now possible to significantly reduce engine wear and operating costs by extending the service interval on large/small diesel and petrol engines.

The statements contained within MOBIL Oil Australia Technical Bulletin number 863 explains that oil does not require changing because it becomes worn out. Oil is changed because standard "full-flow" oil filters are not designed to remove sludge or do anything but protect the engine from particles above 30 micron.

As a result it is the carbon and contaminants between the oil wedge of 3 micron and the 30-micron range with acidity that wears down the oil additive package and the capital investment.

Extending Machine Service Intervals

All industry wants to extend the oil service interval and increase machine availability, but unless the TBN (Total Base Number) and soot levels are maintained at acceptable values, oil change intervals can not be extended.