



Winchester Global Pty Ltd

## **ProtXL Oil Whole of Life Program**

The Oil Whole of Life Program has been developed by the Directors of Winchester Global Pty Ltd (WG) the owner of the ProtXL Trademark as the best approach to orchestrate the global change of the current wasteful environment polluting practice of the 250 hour engine oil change that has been left over from the 1930s.

The ProtXL Oil Whole of Life Program is designed to address 4 issues –

- Maintaining New Engine Emission Standards
- Eradicating the issue of used oil polluting the environment.
- Build waste oil recycling plants as the technology is readily available to recycle used oil free of carcinogenic into diesel extender to be sold bulk buyers so completing Oil Whole of Life.
- Achieve optimum fuel efficiency.

Winchester Global has proven over an extensive client base including government power stations & the marine industry in Australia, Tenaga National Berhad (TNB) & Petronas in Malaysia, Rand & Anglo Gold in Africa, that by operating machinery with oil filtration better than NAS 6 Standard and fuel filtration standard of 1.6mg/kg and 0% moisture in emulsion that the 5,500 hour extended oil change is now a proven reality. More information is supplied on the following website, [www.engineoilfiltration.com](http://www.engineoilfiltration.com) . The supporting scientific documentary evidence of how this is achieved is provided by the USA Tribology document - as attached.

The following proposal to Government is designed to bring awareness to the potential of implementing the ProtXL Oil Whole of Life Program, aimed at addressing the scourge of improper disposal of used oil, which is polluting ground water drinking quality and the environment in general. Also this is the only viable option to maintain New Engine Emission Standards.

Essentially it is left to the roll of responsible Governance to implement - The Oil Whole of Life Program - as the many vested interests in the market place such as engine manufacturers, oil companies, and the maintenance and service industrial sectors that profit from the standard practice of the oil change interval will NEVER initiate such a program as we propose.

This would only be done by world leading Government Legislation for the benefit of the people, increasing employment, balance of trade, meeting Kyoto Treaty undertakings and the environment.



The additional National benefits of implementing such a program are -

1. Being one of the first countries in the world to implement such a program that meets their KYOTO Treaty obligations and receiving the International Prestige in the UN & on the world stage.
2. Qualifying for UN & World Bank assistance to implement the program (CDM).

Standard spin-on & centrifugal oil filters of all makes and description are not designed to remove oil moisture contamination. Basically since the 1930s, oil is changed because all commonly available oil filters do not address this most basic issue. (Ref – USA Tribology) So essentially, machine oil all over the world is changed because the standard available oil filters don't work.

The secondary prominent issue that determines extended oil service life is the description of oil used. Only with the use of high thermally stability oil can the 5,500 hour extended oil change be achieved as it has a higher thermal stability than standard mineral oil.

The ultimate program that should be phased in over 3 years is that the use of mineral oil is phased out to be replaced with only high thermally stable oil. This is not a threat to the oil companies as in fact it is relieving them of the contingent liability of product whole of life responsibility and the vast bulk of their profitability comes from fuel. The oil companies and industry are all trying to develop alternate energy supplies, as many prominent oil industry people are saying that world oil reserves may be at their half life by 2020, which for mankind is an alarming scenario.

**The ProtXL Oil Whole of Life Program** is based on the following criteria;-

- Government passes legislation requiring that only government verified and approved oil and fuel filters with engine air intake temperature management systems have to be fitted to all new machinery. All oil filters must perform better than Nas 6 Standard and all fuel filter standard must be better than 1.6mg/kg and 0% moisture in emulsion.
- The use of standard mineral oil is phased out where possible over a period of 3 years, with only government approved high thermally stable oil being licensed to be sold in that country.
- The Legislation will also impose requirements for minimum standards of storing and handling new & used oil.



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- That a government tender for appointment of waste oil recycling plant operators that will also handle waste grease and all solvents.
- The Legislation would require all purchasers of oil & fuel to maintain records of total volume purchases that would be matched to the oil company client records and matched to their waste oil collection record. There would be financial penalties for large discrepancies. For example, in Italy, legislation requires that all used oil, oil filters and oily rags must be returned at the point of new oil sale.
- There is an Oil Whole of Life Program promotion by government of the timetable to allow all OEM (original equipment manufacturers) & industry in general to meet the new legislative requirements.
- All the oil servicing businesses have to be licensed.
- All proprietors of oil change service centers are required to undertake a 2 hour training course to make them aware of the benefits to the country of their responsibilities and the financial penalties for failure to adhere. They are required to have a standard description or design of waste oil tank(s) so that the waste oil truck is able to connect to, and all used oil filter elements are to be collected for proper disposal.
- A small industry is developed with small contractor trucks collecting the used oil from all small and large businesses, delivering it to regional bulk holding tanks, whereby it will then be transported to the nearest regional Waste Oil Treatment Plant.
- The ProtXL Waste Oil Treatment Plant will recover approximately 70% of Diesel extender, 12% bunker oil and bitumen extender that is then blended with bulk supplies so making the Oil Whole of Life Program.

Please note: THIS PROPOSAL IS ONLY INTENDED AS AN EXECUTIVE SUMMARY.