

About Southern Oil



Working at the Southern Oil Re-refinery at Wagga Wagga

Southern Oil re-refines waste lube oil for reuse as lube oil – its best and highest use and a cradle-to-cradle solution. We produce no waste, reduce the need for oil imports and our product has a significantly smaller carbon footprint than crude base oils.

Southern Oil is a private, 100% Australian owned company, based in Wagga Wagga, NSW, which has been re-refining waste oil since 2001.

It was the first company in Australia to produce fully re-refined lube oil to international standards.

Southern Oil re-refines about 8% of Australia's annual waste lube oil through its Wagga Wagga plant, Australia's only facility producing fully re-refined lube oil accredited for use by a major international oil company for global applications.

Southern Oil applies its Intellectual Property – which is regarded as leading technology in Australia and overseas – to re-refine waste lube oil for reuse as lube oil.

Southern Oil and J.J. Richards & Sons have entered into a Joint Venture to operate the Northern Oil Refinery, a new re-refining plant at Yarwun, near Gladstone in central Queensland.

With the addition of the Northern Oil Refinery, Southern Oil has the potential to process a further 30% of Australia's annual production of waste lube oil.

Lube oils are a blend of base oil and additives. The basic functions of lube oils are to:

- reduce friction
- remove heat, and
- suspend contaminants



(Left) used lube oil and re-refined base oil; (right) the Southern Oil Re-refinery at Wagga Wagga

Lubricating oil doesn't wear out – it just gets dirty and the additives in the oil lose effectiveness over time.

Southern Oil re-refines waste lube oil for reuse as lube oil – its highest, best and most environmentally responsible use.

The lubricating properties of the oil are not compromised by use or re-refining.

The Southern Oil re-refining process removes all contaminants and restores the oil to its original condition.

The contaminants, such as dirt, water, fuel and used additives, are removed through vacuum distillation.

The oil is then further treated to remove any remaining chemicals to provide consistent oil quality to international standards.

Southern Oil's re-refining process is a "cradle to cradle" treatment of oil and the highest form of recycling – keeping lube oil in productive use, delivering improved oil security through avoided imports and has a lower carbon footprint compared to the production of imported crude.

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