



# Case Study

BIODEGRADABLE OILS FOR TREE WORK, FORESTRY AND SAWMILLS



## Aspen 2-stroke petrol fuels change

More local authorities, contractors and homeowners are turning to environmentally friendly alkylate petrol for use in groundcare machinery, such as brush cutters, hedge trimmers, chainsaws, leaf blowers and pedestrian mowers. Improving the working environment for those operating in close contact with petrol engines is an obvious benefit of using this special fuel. Significantly though, it's the higher performance and reduces maintenance that's the real bottom line benefit.

One of many users to benefit from ready-mixed petrol for two stroke engines is Dacorum Borough Council's Grounds Maintenance Department.

Aspen 2t is an alkylate petrol, ready-mixed with 2% specially formulated biodegradable oil. Alkylate is produced



Dacorum Borough Council's Grounds Maintenance teams use Aspen 2-stroke petrol in their groundcare machinery.

from pure gases obtained when refining crude oil, resulting in a purer, cleaner petrol, comprising only ten active components, and free from the many more hazardous compounds found in ordinary commercial petrol - such as benzene, sulphur and other aromatic hydrocarbons.

Dacorum's Grounds Maintenance is responsible for over 4.5 million sq. metres of grassed areas in the Borough's parks, open spaces, amenity areas, highway verges, hedges and sports pitches. A workforce of 50 covers an area of West Hertfordshire that includes the towns of Hemel Hempstead, Tring and Berkhamsted.

Philip Kilshaw, Grounds Maintenance Manager at Dacorum, describes Aspen 2t fuel as "just perfect for the job" and goes on to explain: "We first decided on Aspen to help solve a problem we had with engines seizing-up. We had identified inconsistent mixing of fuel by operators as a major contributing factor. The move to Aspen completely eradicated the problem but, at that time, we didn't realise what a positive contribution the fuel was to make."

Mr Kilshaw adds: "Our operators claim to feel better for not having to breathe in dangerous exhaust fumes and smoke. Being



Engines run more efficiently and require less maintenance when running on Aspen ready-mixed 2-stroke petrol.

ready-mixed it's much more convenient and operators find machines start more easily, even after standing idle for lengthy periods. And, because engines run more efficiently they vibrate less and last much longer."

Jeremy Pilch, MD of Plantoil says: "As users become more aware that exposure to exhaust and petrol fumes can cause health problems, they are moving to alkylate petrol."

"Furthermore, because it's purer than normal petrol, there's no build up of resins in carburettors, while pistons and plugs are much cleaner. This means that engines are less stressed, resulting in optimum performance, extended life and reduced maintenance requirements."

Unlike normal petrol, alkylate petrol can be stored for several years without deterioration.



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