

Aspen alkylate petrol

Better for people, machines and the environment

Aspen 2 and Aspen 4 were initially developed for work health reasons, in cooperation with professional users. Aspen 2 and Aspen 4 contain virtually no harmful substances such as benzene, aromatic hydrocarbons, polyaromatic hydrocarbons or olefins. Ordinary petrol contains around one hundred substances including these harmful substances, but Aspen alkylate petrol only has around ten of the least harmful. This means that the health risks from exposure to petrol fumes and exhaust fumes are minimised.



Aspen 2

with 2 % fully synthetic biodegradable 2-stroke oil

Aspen 2 is a practical, ready-mixed alkylate petrol for chainsaws, clearing saws, hedge trimmers, mopeds, lawn trimmers and other land-based 2-stroke engines.

Aspen 2 improves machine performance and ensures a longer service life. The cleaner petrol means, in turn, a cleaner engine with fewer deposits. Aspen 2 can be stored for 3–5 years without any deterioration in quality. Aspen's own 2-stroke oil is also ideal for minimum environmental impact.

Aspen 2 is sold in 1-litre and 5-litre containers and in 200-litre drums.

Aspen 4

without added oil

Aspen 4 is an alkylate petrol for lawnmowers, rotary cultivators, snow blowers, boats and other 4-stroke engines.

Aspen 4 keeps valves and pistons cleaner, which gives the engine a longer service life and greater operational reliability.

Aspen 4 can be stored for a long time without any deterioration in quality. Aspen alkylate petrol keeps for 3–5 years compared with ordinary petrol, which keeps for around 3–5 months.

Aspen 4 is sold in 1-litre and 5-litre containers and in 200-litre drums.



Ordinary petrol is produced through the refining of crude oil where various fractions are treated in different ways and then combined. Petrol is thus not a homogeneous substance, but a mixture of several. Ordinary petrol purchased at petrol stations contains around one hundred different substances, all with different properties as regards performance, effect on health and environmental impact. Many components are extremely hazardous to humans and our environment.

Alkylate is produced synthetically from the clean gases released when refining crude oil. The result is a very clean petrol, which only consists of around ten substances, and is therefore largely naturally free from hazardous constituent components such as benzene, aromatic hydrocarbons, sulphur and olefins.

TIP!

If you want your lawnmower or chainsaw to start easily after winter or summer storage, Aspen alkylate petrol is the right choice. Ordinary petrol deteriorates if it is stored in containers or petrol tanks, which results in starting and operating problems. Aspen retains its quality.

The polyethylene plastic from which the containers are made has been selected with the environment

in mind, and can be recycled to produce both materials and energy. During combustion, only carbon dioxide and water are produced.

There are special filling aids for even safer and simpler handling. A filling spout, which stops the flow when the tank is full, eliminates the need for a funnel and reduces spills and fumes.

Hazardous substances

Olefins. React in the body and form substances that can cause cancer. Highly reactive and contributes to high concentrations of ground-level ozone (smog). They form resins and reduce storage durability.

Benzene. Causes cancers such as leukaemia and is regarded as the most harmful single substance in petrol and exhaust gases. Becomes concentrated in all living organisms.

Aromatic hydrocarbons. Can cause chronic nerve damage, among other things. Contribute to ground-level ozone (smog). Becomes concentrated in living organisms.

Sulphur. Contributes to acidification of our lakes.

Ground-level ozone (smog). An extremely aggressive toxic gas, which reduces lung function and causes coughing, chest pains and breathing difficulties. Attacks forests and may be the cause of tree death. Also attacks crops.

Comparison table – Typical data

	Aspen 2/4	European 95 octane unleaded
Octane rating RON	95	95
Octane rating MON	92	85
Steam pressure kPa	55–65	70–100
Sulphur ppm	1	10
Aromatic hydrocarbon content vol%	0,1	35
Benzene content vol %	0,01	1
Olefin content vol %	0,1	5–18