



4-STROKE

FOR THE ENVIRONMENT, HEALTH, ENGINE AND PERFORMANCE

Best Fuel 4-stroke is an environmental and health adapted Alkylate petrol, replacing conventional gasoline where there are higher requirements for the environment, health and reliability. Best Fuel 4-stroke is suitable for all known lawn mower brands, and other 4-stroke engines when one strives for a smooth running, high reliability and as best environmental protection as possible. Best Fuel 4-stroke meets the criteria of Swedish Standard SS155461.

ENVIRONMENT AND HEALTH

Best Fuel 4-Stroke has extremely low or non-detectable levels of the following components.

Aromatics, affects the nervous system when inhaled, nausea and fatigue and affects the eyes and skin in an annoying way.

Sulphur, annoys airways and lungs, acidifies soil and water smells bad also.

Benzene, classified as a poison, is one of the substances known to cause leukemia.

Cracked components, crushed thick oil has a high sulfur content produces soot and reduces storage time.

Lower steam pressure, minimizes exposure to harmful gasoline vapors, and make it more comfortable to refuel.

QUALITY, ENGINE AND STORAGE

Cleaner combustion. Best Fuel 4-stroke gives a cleaner burn with less soot. Soot provides an insulating effect that raises the engine temperature, gives an uneven combustion, affects detonation and reduces engine life.

Motor Octane. Alkylate petrol has a high motor octane number (90-92) that is rarely mentioned in normal context. This number should be as high as possible is important at high loads and high speeds.

Long storage, alkylate can be stored from season to season without typical data change significantly, regular gasoline deteriorate over time and creates startup problems.

Best Fuel 4-stroke is excellent to use for 2-stroke engines with separate oil lubrication. For two-stroke outboard engines special outboard oil is required.

Alkylate Petrol

- Produced of about 10 of the least harmful hydrocarbons from crude oil (Alkanes/paraffines).
- Less than 1,0 % aromatic hydrocarbons.
- Storage stable for more than 2 years.
- Reduction of PAHs with up to 90% in a two-stroke engine.
- Lower vapor pressure, which reduces exposure to gasoline fumes.
- Less than 1,0% Olefines. In humans are transformed to genotoxic epoxides with risk of causing mutations and cancer. Olefins are damaging to aquatic animals.
- Keeps the engine and spark plug noticeably cleaner.
- Less irritating odour compared to commercial petrol.

Typiska data

Oktantal (RON)	>93
Oktantal (MON)	>90
Ångtryck RVP	55-65 kPa
Bly	< 0,002 g/l
Bensen	< 0,01 vol%
Svavel	< 10 mg/kg
Olefinhalt	< 1,0 vol%
Aromater	< 1,0 vol%

