



## Instead of Lead

The lead content of most European fuels has been greatly reduced or eliminated. This is good news for the environment but bad news for exhaust valves and upper cylinder. To save valves, rings and other upper cylinder areas from excessive wear, we have developed **Bardahl Instead of Lead**. This is a safe non-polluting valve and upper cylinder lubricant which lubricates as well or better than the lead used in leaded gasoline. **Bardahl Instead of Lead** is registered with the United States Environmental Protection Agency (EPA).

### The problem

Valves and the upper cylinder area of many older cars, boats, agriculture machines require relatively high levels of lead in gasoline to prevent valve recession, upper cylinder wear and engine failure. Without lubricant protector, valve seats wear and recede into the cylinder head, resulting in loss of compression, power and fuel economy. Eventually the engine will fail to operate after the valves no longer seal effectively. Even in newer cars designed to run on lead free fuel, under high stress conditions i.e. sustained motorway or high speed engine operation, use of unleaded fuel does not effectively lubricate valves and upper cylinders.

### The action

**Bardahl Instead of Lead** prevents direct metal-to-metal contact that would cause undue wear. This high temperature protector is continuously maintained when **Instead of Lead** is used. In low lead and no lead gasoline's, use of this product prevents excessive wear to valve seats and in the upper cylinder area. It also helps clean up carburetors, injectors and fuel systems and keeps them clean. **Bardahl Instead of Lead** protects engines whilst avoiding environmental pollution.

### Directions for use

**Bardahl Instead of Lead** can safely be used in all engines, in petrol with or without lead. It deals no damage to catalysts. Use this product at every tank turn. It treats 500 litres fuel which means that one flacon is well for about 12 tank turns of 40 litres

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