



## Product Information

# VALVESHIELD

**Codes: VSHIELD0005**

**Issue: January 2010**

Penrite Valveshield is a petrol treatment containing a combination of proven organic potassium valve seat recession and synthetic detergent additives, formulated to minimise valve seat recession (VSR) in vehicles designed to run on leaded petrol. It meets the valve seat wear protection requirements of both AS 4430.2-1996 and the Federation of Vintage Motor Clubs (UK).

### APPLICATION

Penrite Valveshield should be used as per the dosage table. For best mixing, it should be added just prior to filling the fuel tank.

Penrite Valveshield is specifically designed for use in older vehicles designed to run on leaded petrol. It should be added to either unleaded or premium unleaded petrol at the recommended treatment level to give the VSR protection equivalent or better to that of leaded petrol. Penrite Valveshield can also be added to the petrol tank for vehicles that run dual fuel systems.

Penrite Valveshield is NOT an upper cylinder lubricant. If this type of product is required, use Penrite Upper Cylinder Lubricant.

### CUSTOMER BENEFITS

- Reduces valve seat recession (VSR) therefore maintaining valve life.
- Improves petrol lubricity extending life of some older types of fuel pumps and injection systems.
- Compatible with catalytic converters.
- Prevents corrosion
- Maintains fuel economy by using an advanced synthetic detergent additive to keep the fuel system clean.
- Performed 8 times better than the minimum standard requirement in the Mira (UK) controlled test,

### SPECIFICATIONS

AS 4430.2-1996 (valve seat protection)

Federation of Vintage Motor Clubs (UK)

### DOSAGE TABLE

VALVESHIELD	UNLEADED FUEL VOLUME
20ml	6L
100ml	30L
200ml	60L

## Typical Properties

Density at 15°C  
Flash Point, °C

0.857  
71

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**Environment, Health and Safety**  
Information is available by request on this product in the Penrite Material Safety Data Sheet. Information in this sheet is based on the most current information available. Minor variations to typical properties not affecting the performance of the product are to be expected in normal manufacture.  
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