Anti Valve Seat Recession Additive with Octane Boost

Classic Valvemaster™ Plus

Applications

Classic Valvemaster™ Plus is used in unleaded gasoline to provide exhaust valve seat recession (VSR) protection in vehicles designed to run on leaded gasoline.

Classic Valvemaster™ Plus increases octane quality of gasoline to reduce spark knock in older, high octane requirement spark ignition engines.

In addition to VSR control, Classic Valvemaster™ Plus also provides carburettor detergency, rust protection and prevention against carburettor icing.

Physical Form

Orange liquid

Composition

Amine salt of mixed alkyl acid phosphates and PLUTOcen® GP.

Recommended Treat Rate

The recommended treat rate for Classic Valvemaster™ Plus in unleaded gasoline is 1 ml/litre (1000 ppm vol/vol).

Typical Properties

Density at 15°C……..…….930 kg/m^3
Flash point…….……> 61°C
Pour point……..< -39°C
Viscosity at 40°C……..5.0 mm^2/s
Phosphorous content……..…..2.44 % (w/w)
PLUTOcen® GP content……..…2.4 % (w/w)

Addition Methods

Classic Valvemaster™ Plus can be added either concentrated or as a stock solution using a pump, eduction system or by batch addition.

Alternatively, Classic Valvemaster™ Plus can be packaged into suitable containers for addition directly into a vehicle fuel tank as an after-market additive.

Comments

Classic Valvemaster™ Plus is compatible with other commonly used fuel additives and may be packaged with detergent additives to provide intake valve cleanliness as well as valve seat recession control.

Classic Valvemaster™ Plus is not suitable for use in vehicles equipped with catalytic converters.

Classic Valvemaster™
Wakefield House
Cambridge
CB24 4QZ, UK

Tel: +44 (0)1954 231668
Fax: +44 (0)1954 231923
enquiries@promapac.com

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