

Product Datasheet

Part Code: FPC-000-001

FPC Fuel Catalyst

Key Features

- Delivers > 12% reduction in fuel consumption on a brand new engine.
- Delivers > 12% reduction in fuel consumption for older in-service engines (depending on throttle & load)
- No adverse wear and tear on engine
- Does not alter original fuel specification and certifications
- Leaves no deposits on engine components
- Increases fuel efficiency of all diesel engines
- Significantly reduces toxic exhaust emissions (CO₂, Co, HC, PM_{2,5} & NO_x)
- Improves combustion chamber combustion - which delivers more traction power
- Eliminates Microbial organisms living fuel tanks and filters
- Reduces engine wear and re-build costs
- Reduces metal contaminants in engine oil
- Reduces soot particles in engine oil
- Reduces overall engine maintenance and service costs



Technical Information

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|---------------------------------|---|
| Appearance: | Emerald Green Liquid |
| Odour: | Kerosene / petroleum |
| Melting point: | Liquid < 0°C |
| Boiling point: | 147°C |
| Flashpoint: | 69°C |
| Evaporation rate: | As kerosene |
| Flammability (solid, gas): | No flammable components |
| Vapour pressure: | 3.9 KPa |
| Vapour density | 3.84 |
| Relative density | 0.86 at 15°C |
| Solubility in water: | Sparingly soluble in water; as for petroleum solvents |
| Solubility in other solvents: | Components soluble in non-polar solvents |
| Partition coefficient (log Kow) | Mixture Components are miscible in octanol |
| Autoignition temperature | > 400°C for base solvent |
| Decomposition temperature | > 100°C |
| Viscosity | 4.25 mm ² /sec at 20°C using ASTM D7042 method |