

Moly Cube -- Automotive Additives & Chemicals

1. PRODUCT DESCRIPTION

Moly Cube is the AISO division dedicated to professional automotive chemical treatments, fuel additives, and engine-care solutions. Products are formulated using advanced tribology chemistry including MoS2 (molybdenum disulphide), PTFE, ester-based systems, and proprietary detergent/dispersant packages. All Moly Cube products are OBD-safe and fully compatible with modern emission control systems (DPF, GPF, SCR).

2. PRODUCT RANGE

- Fuel Additives -- petrol and diesel system treatments, cetane improvers, injector cleaners
- Engine Oil Treatments -- MoS2 engine conditioners, flush treatments, seal restorers
- Injector Cleaners -- DI petrol, common rail diesel, direct injection treatments
- DPF / GPF Cleaners -- aerosol and pour-in treatments for particulate filter regeneration
- EGR & SCR System Cleaners -- carbon removal, urea deposit clearance
- Cooling System Treatments -- antifreeze boosters, leak sealers, system cleaners
- Aerosol Maintenance Products -- brake cleaners, chain lubes, contact cleaners

3. KEY FEATURES (DPF DEEP CLEANER -- REPRESENTATIVE PRODUCT)

- Direct-injection aerosol for emergency DPF clearing without filter removal
- Removes soot, ash, and cerium-based regeneration residues
- Lowers DPF backpressure -- restores engine power and fuel economy
- OBD-2 safe -- will not trigger fault codes or damage lambda sensors
- Validated for use on Euro 5 and Euro 6 diesel vehicles
- Safe for catalytic converters and downstream components
- Aerosol format: 400ml -- single-use treatment

4. TYPICAL PROPERTIES (DPF DEEP CLEANER AEROSOL)

Property	Typical Value
Form	Aerosol spray (pressurised)
Active Content	Detergent/solvent blend
Propellant	Dimethyl ether (DME)
Flash Point of liquid	< 0 degC (flammable aerosol)
pH (aqueous extract)	7.0-8.5
Compatibility	DPF, GPF, TWC, Lambda sensors
Application method	Direct injection into DPF inlet
Net contents	400 ml
Pressure @ 20 degC (bar)	~4-5

5. APPLICATION INSTRUCTIONS

1. With engine warm, remove DPF inlet pipe or upstream oxygen sensor. 2. Insert DPF Deep Cleaner probe fully. 3. Spray entire can contents over 90 seconds. 4. Refit all components. 5. Drive vehicle at sustained highway speed (60-80 km/h) for 20 minutes to complete passive regeneration.

6. PACKAGING

- 400ml aerosol -- workshop single-use unit
- 250ml, 500ml, 1L liquid pour-in formats (other products in range)
- Available in display boxes of 6 or 12 units for trade customers

7. STORAGE & HANDLING

Flammable aerosol. Store below 50 degC away from heat, sparks, and open flames. Do not puncture or incinerate even when empty. Keep out of reach of children. Storage temperature: 5 degC to 40 degC. Shelf life: 3 years in original sealed can.

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