



LUBRICANTS™

POWER TO PERFORM™

HP DEF

Premium Diesel Exhaust Fluid
(AUS 32)

DESCRIPTION

HP DEF is a premium Diesel Exhaust Fluid manufactured as per ISO 22241 & IS 17042 (Part 1) specifications. It is a non-toxic, high quality and highly pure Aqueous Urea Solution that works with SCR (Selective Catalytic Reduction) technology to chemically change harmful nitrogen oxide (NOx) emissions from heavy-duty diesel vehicles into harmless nitrogen and water.

APPLICATIONS

HP DEF is recommended for modern Commercial Vehicles (Trucks & Buses), Diesel SUVs and any other BS IV / VI or (Euro IV/V/VI) compliant diesel engines employing SCR / EGR-SCR technology for NOx reduction.

FEATURES & BENEFITS

- Superior protection for the SCR catalyst
- Prevents fouling/clogging of Spray nozzles
- Prevents gummy deposits in the tail pipe

MEETS REQUIREMENTS OF

- ISO 22241-1: 2006
- IS :17042(PART 1): 2018

STORAGE INSTRUCTIONS

- Best before 12 months from the date of manufacturing subject to storage in a good, ventilated covered area and which is not exposed to direct sunlight. Storage temperature to be between -6°C to 30°C for maintaining optimum condition
- If storage is above 30° C or in a vented container, the shelf-life will be best before 6 months from the date of manufacturing
- Keep away from dust & dirt

IMPORTANT INSTRUCTIONS

- Do not fill into Diesel/Fuel Tank
- Avoid contamination with Diesel/Oil
- Use dedicated equipment for handling HP DEF



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PHYSICO-CHEMICAL PROPERTIES (TYPICAL VALUES)

Test Characteristics	UOM	Specifications	Test Method
Aldehyde	PPM	0-5	ISO 22241-2 Annex F
Alkalinity as NH ₃	%	0-0.2	ISO 22241-2 Annex D
Biuret	%	0-0.3	ISO 22241-2 Annex E
Density @ 20 Deg C	Kg/m ³	1087.0-1093.0	ISO 12185
Insoluble	PPM	0-20	ISO 22241-2 Annex G
RI @ 20 Deg C		1.3814-1.3843	ISO 22241-2 Annex C
Urea content	%	31.8-33.2	ISO 22241-2 Annex B or C