



Diesel Exhaust Fluid

- ✓ 32.5% Synthetic Urea Formulation for Automotive
- ✓ For SCR Technologies Diesel-Engined Vehicles
- ✓ Purify Diesel Engine Exhaust & Reduce Nitrogen Oxide Emissions



PT. MCBLUE GLOBAL SOLUSINDO

Gedung 18 Office Park, Lt.25, Suite A2
TB Simatupang , Pasar Minggu
Jakarta 12520 - INDONESIA

We Solve Your Problem
By Giving The Best Solution
At The Best Price.

Email: info@mcbluechemicals.com | Phone: 021-5098-0383



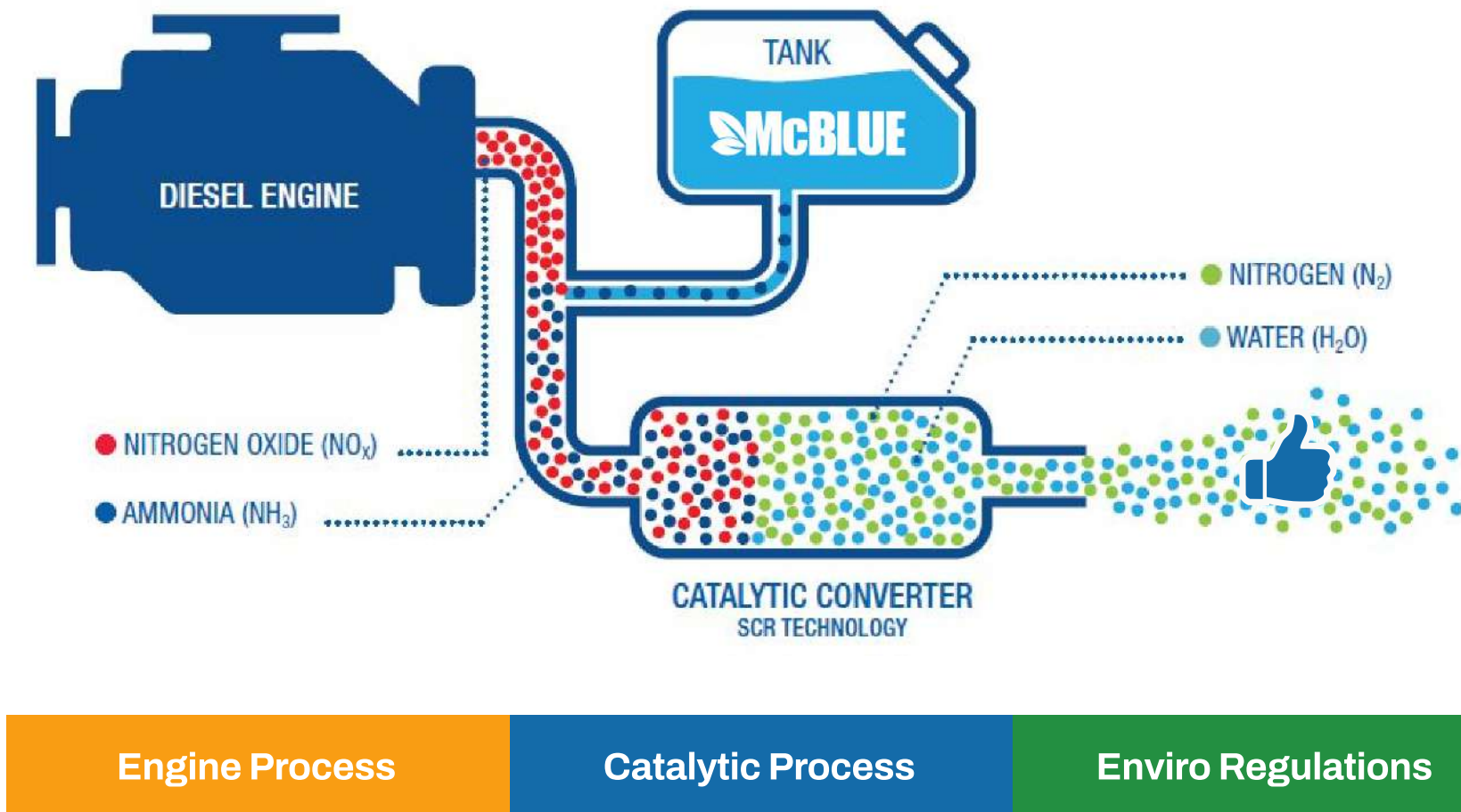
McBlue™, the winning choice for engines equipped with SCR system – Selective Catalytic Reduction.

Less Pollution More **Life**

Reduce Diesel Exhaust Emission
With **McBlue** Synthetic Urea
Solutions

What is McBlue

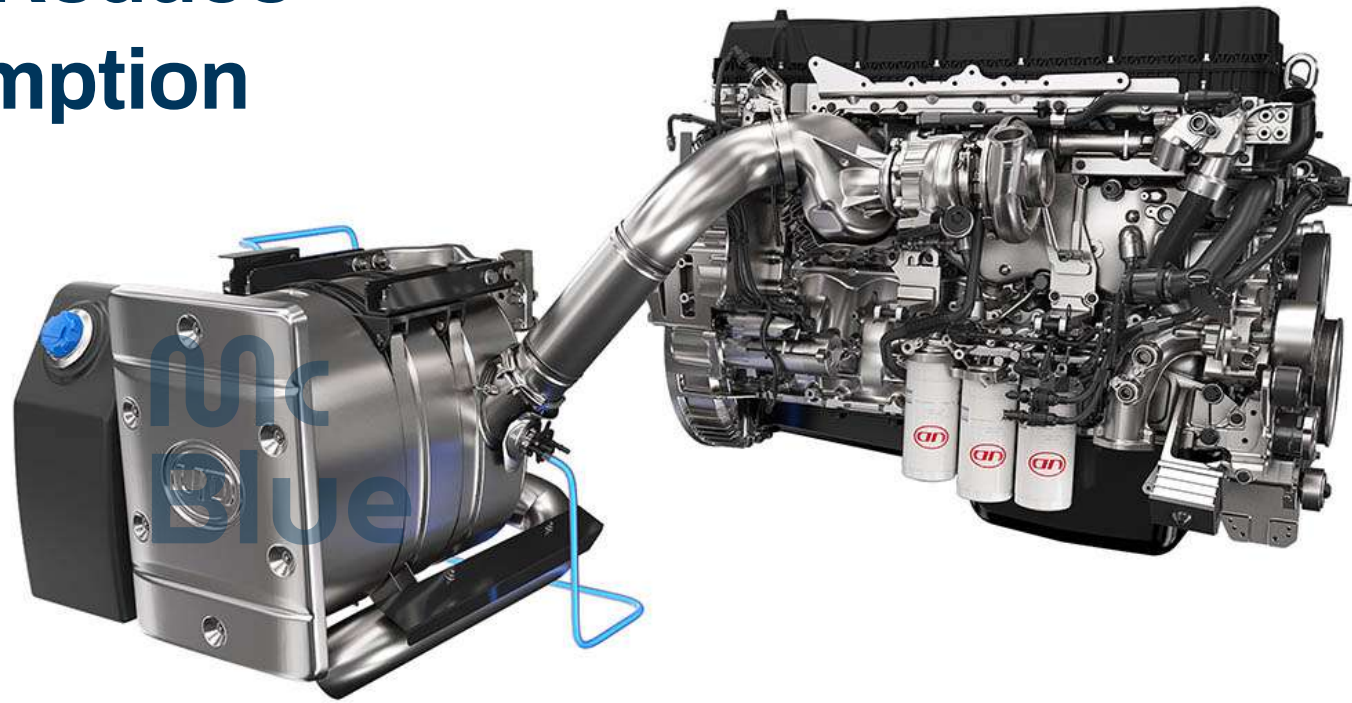
McBlue Synthetic Urea Solutions is a **Diesel-Engined Exhaust Fluid**. McBlue works with the vehicle's Selective Catalytic Reduction (SCR) systems to convert Nitrogen oxides emission into nature-friendly nitrogen and water.



How it Works

McBLUE converts Nitrogen Oxides into nitrogen and water with synthetic urea. It directly injected into the exhaust gas where it serves as reducing agent. The released ammonia subsequently reacts with the nitrogen oxides on the catalyst to form elementary nitrogen and water; both are natural constituents of the air we breathe. Hence, the amount of nitrogen oxides in the emission can be reduced.

SCR System: Reduce Diesel Consumption with McBlue



*UD Trucks SCR Illustrations

The greenhouse effect causes disastrous damages for the environment. Nitrogen oxides (NO_x) is one of these causes. NO_x is also harmful to human health in its own right. On diesel engines, the SCR technology lowers the NO_x emissions (up to 97%) and **lowers the fuel consumption**, maintaining a **high driving performance**.



Consumption

	Quantity of Diesel per week (litres)									
Application:	1000	2500	5000	7500	10000	15000	20000	25000	35000	50000
Light duty (<18 tonne GVW)	30	75	150	225	300	450	600	750	1050	1500
Medium duty	50	125	250	375	500	750	1000	1250	1750	2500
Heavy duty (>35 tonne GVW)	60	150	300	450	600	900	1200	1500	2100	3000

**based from actual research

The average consumption of **McBlue** depend of the type of vehicles that you are driving, e.g. Heavy Truck. The journey type and level of use will also have an impact on how hard the engine needs to work and therefore on how much McBlue will be consumed.

In general, you can expect the avg. consumptions to be:

4% - 8%

of the diesel consumption

6 Litres

McBlue per 100L Diesel

489Km

for 1L of McBlue usages

Standardized & Compatible with

for motor vehicles Euro 4, Euro 5, Euro 6



FAW



SHACMAN



Mercedes-Benz



UD TRUCKS

SCANIA

VOLVO

IVECO



SINOTRUK



Main Ingredients

McBlue using high purity 32.5% synthetic urea with deionized water, as required by SCR equipped vehicles with Euro 4, Euro 5, & Euro 6 standard of Emissions. Already lab-tested and is certified with ISO Certifications as per the revised ISO22241.

How do I store McBlue?

Keep the packages away from direct sunlight.

Storage Temperature at $\leq 10^{\circ}\text{C}$ for 36 Month storage Period, or $\leq 18^{\circ}\text{C}$ for 18 month storage period.

The product will be crystallize in temperature lower than -11°C without decreasing the product quality.

is McBlue Hazardous?

McBlue is not a hazardous substance and has no known effects or critical hazards. Urea is a raw material that also occurs naturally in our digestive system. However, we strongly advise that you never inhale or ingest McBlue due to the risk of a reaction.

What happens if I don't use McBLUE?

If a SCR-equipped vehicle runs out of McBlue, **it will fail to start**. It also stated that McBlue speeds up and enhances the vehicles performance.

How much is McBLUE usage?

Depends on the SCR-equipped vehicle. On the basis of heavy trucks, **McBlue usage is 1L for 489Km / 304Miles**.

Certifications



Cert No. 0308220107CMS.9K001



Cert No. 0308220108CMS.14K001



Cert No. 0308220109CMS.45K001



For Personal Usage

McBlue Product packed inside 5L, 10L, and 20L Packaging.
Suitable for Personal Uses, Retailor, Small Fleets & Gas Station.



•McBlue DEF 5L



•McBlue DEF 10L



•McBlue DEF 20L

For Industrial Usage

McBlue Product packed inside 200L Plastic Drum & 1000L IBC Tank Package. Suitable for Big Fleets with Warehouse.

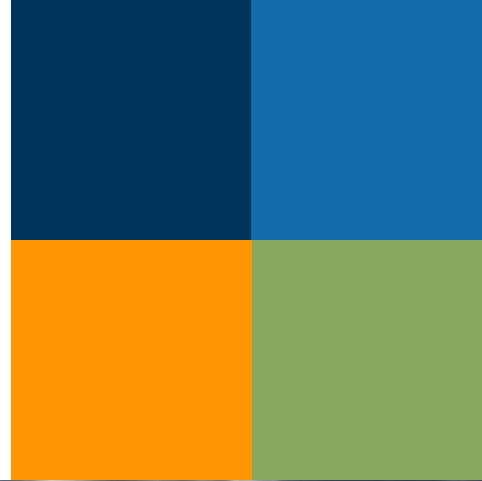


•McBlue DEF 200L Drum



•McBlue DEF 1000L IBC Tank

Less Pollution More **Life**



Reduce Diesel Exhaust Emission
With **McBlue** Synthetic Urea
Solutions



PT. MCBLUE GLOBAL SOLUSINDO

Gedung 18 Office Park, Lt.25, Suite A2
TB Simatupang , Pasar Minggu
Jakarta 12520 - INDONESIA

Email: info@mcbluechemicals.com | Phone: 021-5098-0383

We Solve Your Problem
By Giving The Best Solution
At The Best Price.