

Insights from the Emission Experts

7 Ways to Save Fuel and DEF



Well-maintained Mechatronics

Properly serviced Emission Components



Tip no. 1 →

Tip no. 1

Check Your NOx Sensors

Problem:



Worn-out or low
quality sensors



Inaccurate readings



Wrong dosing

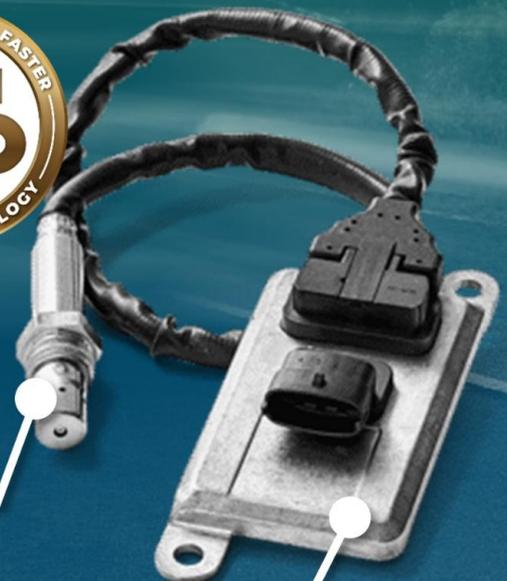


Wasted Diesel Exhaust
Fluid (DEF)

Solution:



Replace them with
smart, reliable and
competitively priced
Dinex Gen2 sensors!



Enhanced
sensor head

Improved
durability



Tip no. 2 →

Tip no. 2

Choose the Right DPF

Problem:



Insufficiently cleaned, or low quality DPFs



Higher backpressure



More Frequent Active Regeneration



Increased Fuel Consumption

Solution:



Dinex DPFs, engineered for 1:1 replacement, with industry-leading performance and durability.

Silicon Carbide for severe duty



Cordierite for standard applications

Tip no. 3 →

Tip no. 3

Go for Proven Durability

Problem:



Unproven durability



*Faster catalyst
degradation*



*Increased Fuel and
Diesel Exhaust Fluid
consumption*



*Fault codes and
unscheduled downtime*

Solution:



*Dinex Emission
technologies, road-proven
globally, tested to industry-
leading standards.*

*Accelerated
durability tests*



dINEX

Tip no. 4 →

Tip no. 4

Use Proper-Grade DEF

Problem:



*Low-quality or degraded
Diesel Exhaust Fluid*



*Deposits (crystallization)
in SCR & Exhaust system*



*Increased consumption
(and costly repairs)*

Solution:



*Use ISO 22241-compliant
Diesel Exhaust Fluid and
store it properly.*



Learn more from
Dr. NO_x at:
dinex.us/dr-nox



Tip no. 5 →

Tip no. 5

Keep All Sensors Healthy

Problem:

▼
Low-quality or worn-out sensors

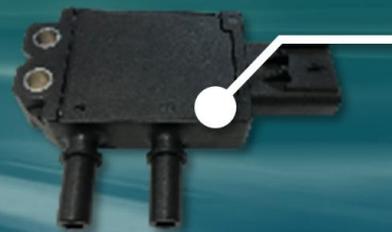
▼
Incorrect readings

▼
Improper regeneration cycles

▼
Fuel wasted
and potential
aftertreatment damage

Solution:

▼
Check all sensors during service and replace with Dinex sensors as needed.



Competitive pricing



>650 OE references covered



Tested and validated quality

Tip no. 6 →

Tip no. 6

Don't Overlook Leakages

Problem:



*Loose pipe and
DPF connections*



*Heat loss and ambient
air intrusion*



Low temperature



*Reduced aftertreatment
efficiency*



*Fuel wasted & more
frequent regens*

Solution:



*Always replace clamps
and gaskets when
installing pipes and DPFs.*



*Proven OE-
grade quality*



*Included with
all DPFs*



Tip no. 7 →

Tip no. 7

Check Your Insulation

Problem:



Damaged thermal insulation



Colder exhaust gas



Reduced aftertreatment efficiency



Fuel wasted & more frequent regens

Solution:



Choose pipes featuring the durable and effective Dinex Integral Insulation.

Trusted by OEMs for over 25 years



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Want to learn more? →

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