

ECOChem ALTERNATIVE FUELS, LLC

FREQUENTLY ASKED QUESTIONS AND ANSWERS

Q How does #2HPCD perform in the winter?

A Great! HPCD is good in cold starts to minus 18 degrees C while typical ULSD will start clogging and jelling at 0.

Q Why hasn't big oil come up with this?

A Big oil doesn't want to sell you 10% less fuel, so they are not motivated! Also there are contamination points between the refineries and the end user (pipelines, fuel storage containers and even some of the transport trucks.) It only makes sense to decontaminate and cleanse the fuel just before consumer use.

Q Will this affect the warranty on my vehicle?

A No, we meet all ASTM testing specifications and EPA regulatory guidelines.

Q What is the shelf life of the fuel?

A #2HPCD is stable for up to 6 times longer than #2ULSD.

Q #2HPCD fuel quality spec sheet numbers are very similar to #2 ULSD numbers, why does it perform so much better?

A Cleansing and beefing up #2ULSD fuel is only the part of the story. Our fuel also cleanses the entire fuel system (especially the fuel injectors), and adds lubricity which allows the metal masses to function with less resistance. Our process manipulates the diesel molecule in two ways: 1) exciting the hydrogen atom to accept more oxygen, 2) increase the surface area of the molecules. It's like taking a log and splitting it up, both the increased oxygen levels and the increased surface area contribute to a hotter and more complete burn in the combustion chamber with great energy release.

SUMMARY The EcoChem process creates a next generation of diesel fuel that contributes to: low emission numbers, less wear metals, lower operating temperatures, increased BTU content, increased horse power, increased torque, increased MPG, and fewer gallons used. Bottom line: better fuel burns cleaner.



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