

Pro-Line Diesel Stabilizer




Increases the storage stability of your diesel fuel

Many diesel engines are only used sporadically or during certain seasons. For example: harvesting machines, forestry machines, road construction machines or (emergency) power generating sets. The influences of temperature, oxygen and time decompose the biodiesel fraction resulting in starting difficulties in addition to deposits on injectors, corrosion and clogged filters.

Pro-Line Diesel Stabilizer **preserves** and **protects** the fuel against aging and oxidation while simultaneously **cleaning** the entire fuel system. It also **increases the Cetan number** and cleans the injection nozzles as well as injectors by removing deposits. This optimizes engine performance and improves the cold starting characteristics.

This additive is suitable for all qualities of diesel fuel containing up to 25 % biodiesel. It ensures that diesel engines can be shut down for longer periods of time and then put back into service without problems. Also suitable for fuel oil.

Suitable for
DPF
diesel particulate
filters

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No liability for misprints.
Subject to technical modifications.

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Part No.	Description	Content	Enough for	Container	P.U.
5035	Pro-Line Diesel Stabilizer	1 l	500 l	Can sheet metal	6

Pro-Line Diesel Stabilizer



PRODUCT RECOMMENDATION

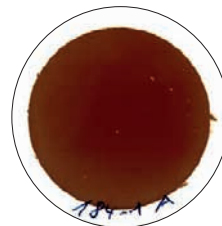
Various diesel specifications and qualities (containing 5 – 25% biodiesel) are the most frequent reasons for expensive down times and repairs on the injection system. Often the storage life of the fuel is exceeded by long shut-down periods. The diesel fuel ages due to the influences of temperature, oxygen and time. Fuel filters get clogged and deposits form in the injection systems, making the engines harder to start when put back into service. **Vehicle manufacturers** such as DEUTZ and John Deere **therefore explicitly recommend using additives.** LIQUI MOLY offers a remedy with its Pro-Line Diesel Stabilizer!



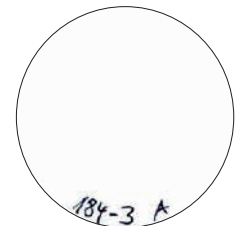
Suitable for **DPF** diesel particulate filters

INCREASES THE STORAGE STABILITY

The GMA, Gesellschaft für Mineralöl-Analytik und Qualitätsmanagement mbH & Co. KG (Association for Mineral Oil Analysis and Quality Management), **tested the improvement in the storage stability of the fuel resulting from use of the LIQUI MOLY additive.** For this purpose the fuel was aged artificially for 72 hours in compliance with DIN 51471 and then filtered. After filtering, the sample without additive contained 39 mg/kg of sediment. Whereas the sample with Pro-Line Diesel Stabilizer created only 3 mg/kg of sediment.



Filtering after aging without additive



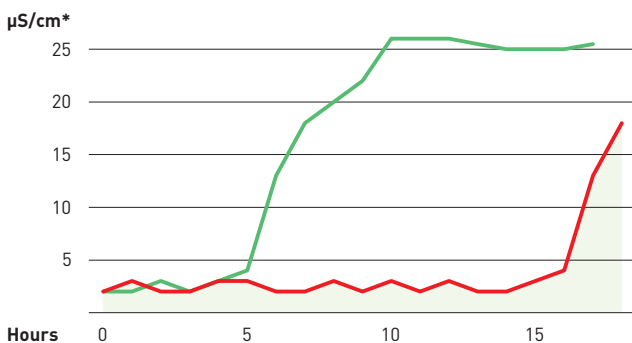
Filtering after aging with additive

PROTECTION AGAINST FUEL AGING

In the following test, diesel specimens containing an aging accelerator were conditioned at 110 °C with air passing through. Without additive, oxidation began after only 5 hours; while the specimens with additive withstood 16 hours before beginning to show signs of aging. **The storage stability of the fuel was increased significantly by the additive.**

Storage stability of diesel fuel

— Aging without additive — Aging with additive



*Aging fuel level

CORROSION PROTECTION

Pro-Line Diesel Stabilizer has **excellent corrosion protection properties even in contact with water.** This was confirmed by the following test. Two steel rods were immersed in a solution of diesel fuel (90%) and water (10%) for a period of 24 hours at 60 °C. Then the corrosion on the steel rods was evaluated visually. Corrosion started in the specimen without additive after only 2 hours. The specimen with additive withstood the test without any corrosion whatsoever.



Specimen without additive



Specimen with additive