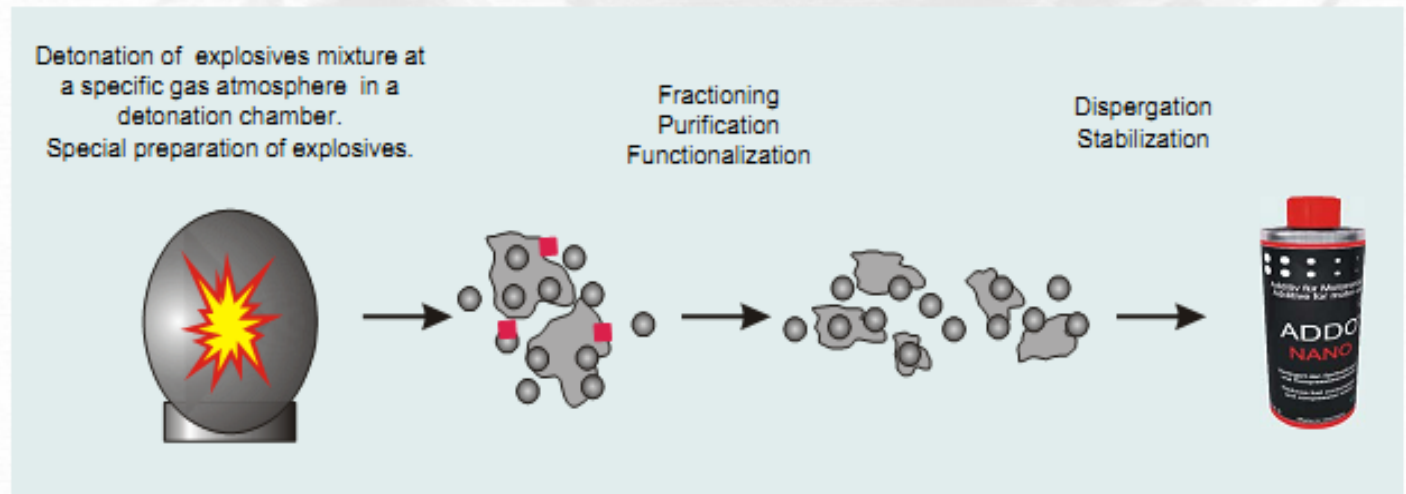


ADDO: ADDITIVES TO MOTOR OILS

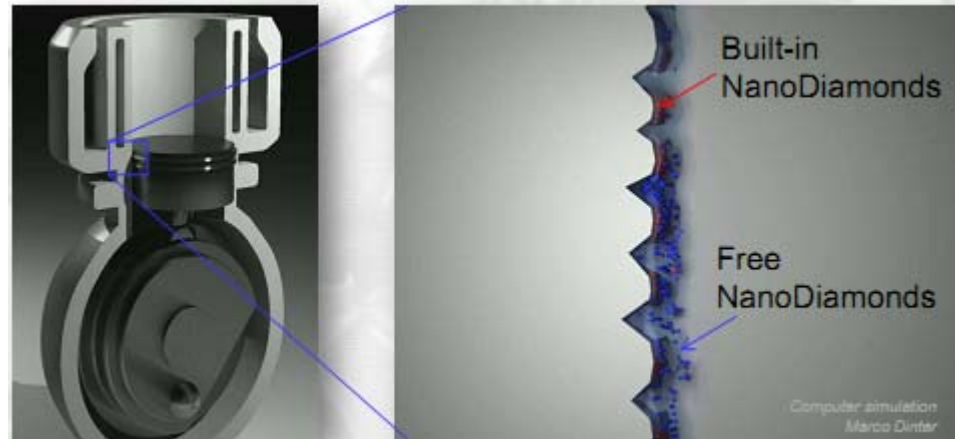


NANO DIAMOND: GENESIS

ADDO is based on a mixture of NanoDiamond and NanoGraphite. The original soot is produced via detonation synthesis of the explosives mixture. The average particle size is 4 nm (0,000004 mm).



ADDO: PRINCIPLE OF FUNCTION



➤ Improves the Engine:

- Cures micro and nano-defects of the moving parts and leads to the atomic roughness.
- Impregnates metallic surfaces, increases their hardness and wear resistance.
- Improves the motor, decreases dry friction by keeping a thin oil layer on the motor surfaces also at higher loads.

➤ Improves Oil:

- Nanographite particles work as eco friendly dry lubricant and reduce friction and wear.

ADDO: NANODIAMONDS

EFFECTIVENESS

- Reduces Friction & Wear
- Increases the life time of engine by up to 5 times
- Effectiveness of ADDO raises with the temperature increase.



Effectiveness for private cars (till 350 Tkm)		
	Oil	Oil with ADDO
Friction coefficient	0,08	0,01
Wear, kg/cm ²	60,0	11,2
Fuel consumption, L/100 km	6,9	6,3
Power, HP (see also next foil)	99,2	115,6

ENGINE WEAR & OIL TEST

Wear Elements after 25000km,

mg/L	Oil	Oil with ADDO®
Iron	61	16
Chromium	4	1
Copper	8	2
Other	58	20
Wear elements, total	131	39



Motor oil with ADDO (left) and without ADDO (right) after 25000 km run.

- Wear in oil with ADDO is upto 73% lower than in pure oil.
- Dispersancy of ADDO containing oil is higher than that of pure oil.
- Viscosity of oil with ADDO at -15°C and -20°C is 13-17% lower than viscosity of pure oil.
- No negative influence of ADDO on engine or filter was detected.

ADDO ADDITION: CONCLUSION

- The use of ADDO is safe- No negative influence.
- ADDO addition leads to fuel economy.
- Effectiveness of ADDO increases with the rise of outer temperature. The reason is the increased fuel consumption of fuel due to the parallel heating.
- The content of wear elements in oil without ADDO was 4 times more than in oil with ADDO.
- Four-fold increase of oil life-time can be achieved by the use of ADDO.



Thank you

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Designed to deliver the purest...

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