

Test report - Cargo truck withdiesel powered engine



A Euro Class 3 MAN 1843 Truck had its engine (2876 LF 04, 12,816 cm³ capacity) and gear treated with NanoVit. The data for the study was collected and reported independently by Hause GmbH, Germany. The truck was constructed on 07/10/2002 and had a power rating of 338KW. It had covered 891,156 km at the time of treatment.

NanoVit Consumer products were used by the Truck mechanics to treat the vehicle. The following products were used:

- NanoVit-Engine-Renovator – 2 Bottle set for engine oil level NanoVit
- Gear-Renovator – 2 Bottles for gear oil level
- NanoVit-Gear-Renovator – 1 Bottle for Differential oil level

Values for comparison were recorded before treatment, from 02/26/2008. The treatment took place on 03/19/2008 and then post-treatment values were recorded to 04/15/2008.

9 real journeys were recorded both before and after NanoVit treatment. This data was used to compare before and after figures for consumption (in Litres) based on distance travelled and weight carried (ton/km).

NanoVit was mixed into the engine and gear oil under normal operational conditions

The data is summarised for high, low and average values from the 9 comparison journeys made before and after treatment below:

	Consumption Before (Factor)	Consumption After (Factor)	Difference (Factor)	Difference in consumption %
Highest value	390L/15,530 ton/km (0.02511)	390 L / 26,892 ton/km (0.0145)	0.0106	42%
Lowest Value	430L/12,056 ton/km (0.03567)	390 L / 12524 ton/km (0.03114)	0.0045	13%
Average	3734L / 185,779 ton/km (0.0201)	4170 L / 289,619 ton/km (0.0144)	0.00570	29%