

LAB REPORT

Unit ID **Diesel fuel**
 Component **Tank**
 Current sample number **1700776**



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Example report
 Analysis scope: Fuel Kit 3

Machine type: **ABC**
 Manufacturer: **ABC**
 Fuel type: **Dieselmkraftstoff, DIN EN 590**
 Tank capacity: **6000 l**

Diagnosis for the current laboratory values

The analysed values are typical for diesel, according to EN 590. It is not possible to judge whether all other requirements of EN 590 are also fulfilled (distillation, cetane index, etc.) without performing suitable tests. We are happy to offer these additional tests upon request. The FAME content (biodiesel) is within the permissible limits of the EN 590 standard (max. 7% by weight).

Dipl.-Ing. Andy Böhme (MLA II + CLS)

Sample Rating



normal

ANALYSIS RESULTS			Current sample	Previous samples	
LAB NUMBER			1700776		
SAMPLE RATING					
Date tested			15.04.2020		
Date of sample taken			11.04.2020		
Date of last refuel			-		
Total operating time			-		
WEAR					
Iron	Fe	mg/kg	0		
Chrome	Cr	mg/kg	0		
Tin	Sn	mg/kg	0		
Aluminum	Al	mg/kg	0		
Nickel	Ni	mg/kg	0		
Copper	Cu	mg/kg	0		
Lead	Pb	mg/kg	0		
Molybdenum	Mo	mg/kg	0		
PQ index	-		< 25		
CONTAMINATION					
Silicon	Si	mg/kg	0		
Potassium	K	mg/kg	0		
Sodium	Na	mg/kg	0		
Water K. F.	ppm		< 30		
OIL CONDITION					
Viscosity at 40°C	mm ² /s		2.44		
FAME DIN	%		2.0		
ADDITIVES					
Calcium	Ca	mg/kg	0		
Magnesium	Mg	mg/kg	0		
Boron	B	mg/kg	0		
Zinc	Zn	mg/kg	0		
Phosphorus	P	mg/kg	0		
Barium	Ba	mg/kg	0		
Sulphur	S	mg/kg	< 10		
ADDITIONAL TESTS					
Flash point CC	°C		65		

Bottle and Cap



Infrared Spectrum

