

LAB REPORT

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



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OELCHECK GmbH · Kerschelweg 28 · 83098 Brannenburg

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

Example report
 Analysis scope: Fuel Kit 3

Diagnosis for the current laboratory values

The values determined are typical for diesel according to EN 590. Whether all other requirements of EN 590 are also fulfilled (distillation range, cetane index, etc.) cannot be assessed without appropriate 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		19.04.2023		
Date of sample taken		11.04.2023		
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	
CONDITION				
Viscosity at 40°C	mm²/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 closed	SSCC	°C	65	

Bottle and cap



Infrared Spectrum

