

LAB REPORT

Unit id **Biodiesel (FAME)**
 Component **FAME (as biodiesel fuel)**
 Lab number **1700657**



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Sample from: **Tank**
 Fuel type: **Biodiesel DIN EN 14214**
 Tank capacity: **28000**

Example report
 Analysis scope: Fuel Kit 3KB

Diagnosis for the current laboratory values

The water content is within the normal range. Die ermittelten Werte sind typisch für FAME (RME/Bio-Diesel) nach DIN EN 14214. Die ermittelten Werte liegen innerhalb des normalen Bereiches. Ob alle Anforderungen entsprechend dieser Norm (z.B. Cetanzahl, Jodzahl) erfüllt werden, kann ohne entsprechende Zusatzuntersuchungen nicht beurteilt werden.

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Dipl.-Ing. Stefan Mitterer

Sample Rating



Normal

ANALYSIS RESULTS			Current sample	Previous samples	
LAB NUMBER			1700657		
SAMPLE RATING					
Date tested			02.05.2025		
Date of sample taken			23.04.2025		
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		388		
CONDITION					
Viscosity at 40°C	mm²/s		4.15		
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					
Density 15°C	kg/m³		882		
Flash point closed	SSCC	°C	180		

Bottle and cap

