

LAB REPORT

Unit ID **Biodiesel (FAME)**
 Component **FAME (as biodiesel fuel)**
 Current sample 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. The measured results are typical for FAME (RME/biodiesel) according to DIN EN 14214. There are no abnormal values visible. To determine whether all other requirements of this standard (e.g. cetane number, iodine number) are compliant, additional tests would need to be undertaken.

Dipl.-Ing. Stefan Mitterer

Sample Rating



normal

ANALYSIS RESULTS			Current sample	Previous samples	
LAB NUMBER			1700657		
SAMPLE RATING					
Date tested			02.05.2023		
Date of sample taken			23.04.2023		
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		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

