

# LAB REPORT

Unit id  
**DIESEL FUEL**  
Component  
**Reservoir**



Lab number: 1700776

Machine type  
**ABC**

Manufacturer  
**ABC**

Fuel type  
**Diesel fuel, DIN EN 590**

Tank capacity  
**6000 l**

Sample Report  
Scope of Analysis: Fuel Set 3

The determined values are typical for diesel according to EN 590. Whether all other requirements according to this EN 590 are also met (boiling range, cetane index, etc.) cannot be assessed without corresponding tests. Upon request, we would be happy to offer these additional tests. The FAME (biodiesel) content is within the permissible limits according to EN 590 (max. 7 wt.%).



**NORMAL**

Dipl.-Ing. Andy Böhme (MLA II + CLS)

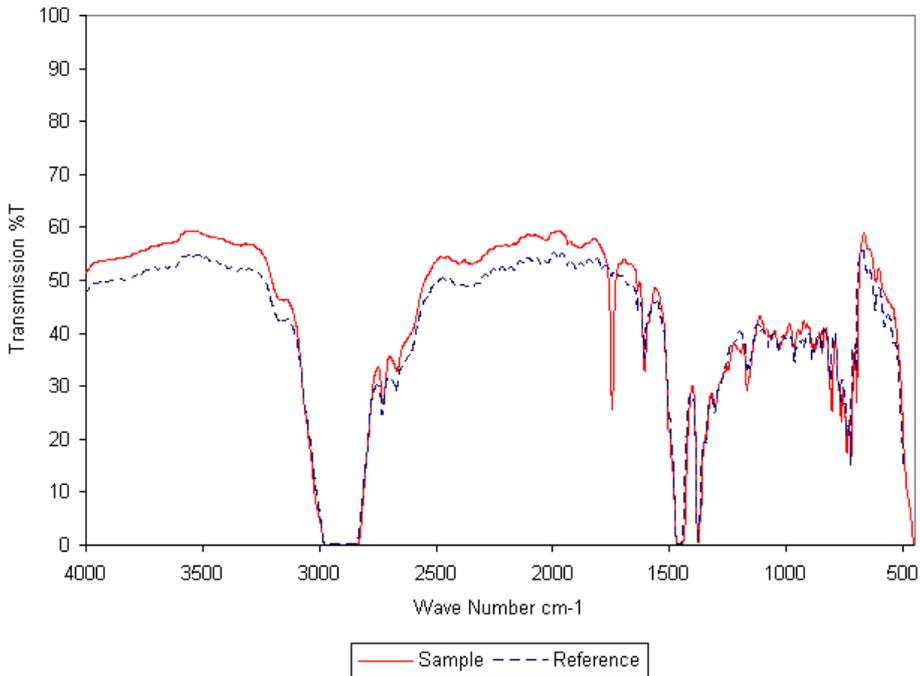
ANALYSIS RESULTS		Current sample	
Lab number		1700776	
SAMPLE RATING		✓	
Date of examination		22.04.2025	
Date of sample taken		11.04.2025	
<b>WEAR</b>			
Iron	Fe	mg/kg	0
Chrome	Cr	mg/kg	0
Tin	Sn	mg/kg	0
Aluminium	Al	mg/kg	0
Nickel	Ni	mg/kg	0
Copper	Cu	mg/kg	0
Lead	Pb	mg/kg	0
Molybdenum	Mo	mg/kg	0
PQ index	-		< 25
<b>CONTAMINATION</b>			
Silicon	Si	mg/kg	0
Potassium	K	mg/kg	0
Sodium	Na	mg/kg	0
Water K. F.		ppm	< 30
<b>CONDITION</b>			
Viscosity at 40 °C		mm <sup>2</sup> /s	2.44
FAME DIN		%	2.0
<b>ADDITIVES</b>			
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
<b>ADDITIONAL TESTS</b>			
Flash point closed	S...	°C	65



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SAMPLE IMAGES (LABORATORY NUMBER: 1700776)



INFRARED SPECTRUM



BOTTLE AND CAP



**Any questions?**

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