

LAB REPORT

Unit ID

Vegetable oil

Component

Tank

Lab number

1700777

+49 8034-9047-210

page 1 of 1

OELCHECK GmbH · Kerschelweg 28 · 83098 Brannenburg

Example report
Analysis scope: Fuel Kit 8KP

Fuel type:

Pflanzenölkraftstoff DIN 51605

Tank capacity:

5000 l

Diagnosis for the current laboratory values

The water content is within the normal range. The analyzed values are typical for vegetable oil fuel according to DIN V 51605 (DIN V 51605 is in accordance with the regulations of the "Weißenstephan Standard").

Dipl.-Ing. Stefan Mitterer

Sample Rating



normal

ANALYSIS RESULTS			Current sample	Previous samples	
LAB NUMBER			1700777		
SAMPLE RATING					
Date tested			06.03.2025		
Date of sample taken			-		
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		387		
CONDITION					
Viscosity at 40°C	mm²/s		34.94		
Viscosity at 100°C	mm²/s		8.03		
Viscosity index	-		214		
ADDITIVES					
Calcium	Ca	mg/kg	15		
Magnesium	Mg	mg/kg	0		
Boron	B	mg/kg	0		
Zinc	Zn	mg/kg	0		
Phosphorus	P	mg/kg	3		
Barium	Ba	mg/kg	0		
Sulphur	S	mg/kg	< 10		
ADDITIONAL TESTS					
AN / NN	mgKOH/g		0.53		
Solid contaminants	mg/kg		18.0		
Iodine number	g J/100 g		112		
Density 15°C	kg/m³		920		
Conradson Carbon Residue	% Wt.		0.37		
Flash point closed	°C		254		

Bottle and cap



Solid contaminants

