

LAB REPORT

Unit ID **Vegetable oil**
 Component **Tank**
 Current sample number **1700777**



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Fuel type: **Pflanzenölkraftstoff DIN 51605**
 Tank capacity: **5000 l**

Example report
 Analysis scope: Fuel Kit 8KP

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		04.03.2022		
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	
OIL 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	J	-	112	
Density 15°C	kg/m³		920	
Conradson Carbon Residue	% Wt.		0.37	
Flash point closed	°C		254	

Bottle and cap



Solid contaminants

