

CUSTOMER INFORMATION :

Name :		Adress :
Mail :		
Phone :		
Sample location :		Order n° :

UNIT INFORMATION :

Component ID :		Type of fuel :	GASOLINE
S/N :		Vol tank (L) :	800

SAMPLE INFORMATION :

Sampling point : BEFORE FILTRATION	Tracking number :	C109255
	Sample ID :	0519956
	Receipt date :	19/05/23
	Sample date :	
	Machine used :	
	Oil hours :	
	Drain (D) / Sampling (S) :	

DIAGNOSIS

	Diagnosis	Method	Units	Limits	Results	Results	Results	Results
OIL CONDITION	X							
Appearance :		/	/	/	clear			
Color :		/	/	/	yellow			
Kinematic viscosity at 40°C :		ASTM D445	mm ² /s	< 2/4,5 <	2,56			
Density at 15°C :		ISO 3838	/	<0,820/0,845<	0,83			
Initial boiling point :		ASTM D86	°C	> 150	167,4			
R250 :		ASTM D86	% (v/v)	< 65	38,6			
R350 :		ASTM D86	% (v/v)	> 85	> 85			
Cetan index :		ASTM D976			54,7			
Aromatic content (PNA/HAP)		ASTM D6379	% m	< 8	3,34			
Filtrability limit temperature :		ASTM D6371	°C		-20,7			
Acid number :		ASTM D974	mg KOH / g	/	0,07			
CONTAMINANTS	X							
Water content :		ASTM D6304	ppm	< 200	52			
Filtration 0,8µm + photo :		NF EN 12662	mg/kg	< 24	3			
Micro-organisms :		Interne	UFC/mL	< 10 ²	0			
EMAG :		NF EN 14078	% (v/v)	≤ 7	7			
Si		ASTM D5185	ppm		0			
Na		ASTM D5185	ppm		0			
SPECTROMETRY BY ICP OES	X							
Wear metals :								
Al		ASTM D5185	ppm		0			
Fe		ASTM D5185	ppm		0			
Cu		ASTM D5185	ppm		1			
Pb		ASTM D5185	ppm		0			
Sn		ASTM D5185	ppm		0			
Cr		ASTM D5185	ppm		0			
Ni		ASTM D5185	ppm		0			
Ag		ASTM D5185	ppm		0			
Cd		ASTM D5185	ppm		0			
Ti		ASTM D5185	ppm		0			
V		ASTM D5185	ppm		0			
Ca		ASTM D5185	ppm		0			
Zn		ASTM D5185	ppm		0			
Mg		ASTM D5185	ppm		0			
P		ASTM D5185	ppm		0			
S		ASTM D5185	ppm	≤ 20	10			

COMMENTS

Some silica and fibers visible on the filtration membrane. Other measurements are correct. The fuel is in the state conforming to use.

Date of writing : 20/10/23

NM = No Measurable

M.D

Photography



Distillation

