

## CUSTOMER INFORMATION :

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

## UNIT INFORMATION :

Component ID :	<b>COMPRESSOR</b>	Oil type :	<b>TRITON SEZ</b>
Compressor :	<b>PISTON</b>	Vol carter (L)	
		Grade :	<b>32</b>
		Gas :	<b>R404A</b>

## SAMPLE INFORMATION :

Sampling point :	<b>SEPARATOR</b>	Tracking number :	<b>F30904</b>		
		Sample ID :	0528462	0515232	0523392
		Receipt date :	28/05/23	15/05/22	23/05/21
		Sample date :	16/05/23	05/05/22	13/05/21
		Machine hours :	26 550	21 473	
		Oil hours :			
		Drain (D) / Sampling (S) :	P		

OIL CONDITION	Diagnosis	Method	Appearance/Color		Results	Results	Results	Results
	X		Units	Limits				
Kinematic Viscosity at 40°C :		ASTM D445	mm <sup>2</sup> /s	< 27,2 / 36,8 <	30,51	29,85	28,55	
Acid Number :		ASTM D974	mg KOH / g	< 0,1	<b>0,08</b>	0,06	<b>0,15</b>	

CONTAMINANTS	Diagnosis	Method	Units	Limits	Results	Results	Results	Results
	X							
Water content :		ASTM D6304	ppm	< 100 / 300 <	<b>325</b>	<b>235</b>	<b>206</b>	
Filtration 5µm + photography if abnormal pollutants		NF E 48-652	mg/L	< 350	< 10	234	80	
Si		ASTM D5185	ppm	< 10	0	0	0	
Na		ASTM D5185	ppm	< 10	0	0	0	

WEAR BY ICP OES	Diagnosis	Method	Units	Limits	Results	Results	Results	Results
	X							
<b>Wear metals :</b>								
Al		ASTM D5185	ppm	< 10	0	2	0	
Fe		ASTM D5185	ppm	< 10	0	0	0	
Cu		ASTM D5185	ppm	< 10	3	1	1	
Pb		ASTM D5185	ppm	< 10	0	0	1	
Sn		ASTM D5185	ppm	< 10	0	0	0	
Cr		ASTM D5185	ppm	< 10	0	0	0	
Ni		ASTM D5185	ppm	< 10	0	0	0	
Ag		ASTM D5185	ppm	< 5	0	0	0	
Cd		ASTM D5185	ppm	< 5	0	0	0	
Ti		ASTM D5185	ppm	< 5	0	0	0	
V		ASTM D5185	ppm	< 5	0	0	0	
Zn		ASTM D5185	ppm	< 8	0	0	0	
<b>Additives :</b>								
Ca		ASTM D5185	ppm		0	0	0	
Mg		ASTM D5185	ppm		0	0	0	
P		ASTM D5185	ppm		0	0	0	

Photography	COMMENTS
No abnormal contaminant	Water is high, check the deshydration element. Acidity index is limit, check the oil temperature and condition of the system. Other results are correct. No signs of wear.
	Date of writing : 20/10/23 NM = No Measurable M.D