

OIL COOLANT SYSTEM REPORT

COMPAGNY INFORMATION :

Name :	Adress :
Mail :	
Phone :	
Customer :	Order n°:

UNIT INFORMATION :

Component ID :	R404/MEG CIRCUIT 3	Oil type :	TRITON SEZ 32
Tracking number :	ETIQ N°3090	Gas :	R404
Engine	CP PISTONS BITZER		

DIAGNOSIS :



SAMPLE INFORMATION :

Sample n° :	0528462
Date of received :	28/05/13
Date sample taken	16/05/13
Total machine hours :	26 550
Lubricant service hours :	?
Drain (D) / Sampling (S)	P

0515232	0523392
15/05/12	23/05/11
05/05/12	13/05/11
21473	

OIL CONDITION	Method	Result units	Limits
Kinematic Viscosity at 40°C :	NF-T 60 100	mm2/s	
Acidity index	ISO 6618	mg KOH / g	< 0,1

Results
30,51
0,08

Results	Results	Results
29,85	28,55	
0,06	0,15	



CONTAMINATION	Method	Result units	Limits
Water content :	ASTDM D-1744	ppm	< 100 / 300 <
Filtration 5 microns :	NF E 48-652	mg/L	< 350
Si	ASTM D5185	ppm	< 10
Na	ASTM D5185	ppm	< 10

325
4
0
0

235	206
234	80
0	0
0	0



WEAR BY ICP OES	Method	Result units	Limits
<i>Metal of wear :</i>			
Al	ASTM D5185	ppm	< 10
Fe	ASTM D5185	ppm	< 10
Cu	ASTM D5185	ppm	< 10
Pb	ASTM D5185	ppm	< 10
Sn	ASTM D5185	ppm	< 10
Cr	ASTM D5185	ppm	< 10
Ni	ASTM D5185	ppm	< 10
Ag	ASTM D5185	ppm	< 5
Cd	ASTM D5185	ppm	< 5
Ti	ASTM D5185	ppm	< 5
V	ASTM D5185	ppm	< 5
Zn	ASTM D5185	ppm	< 8
<i>Additivation :</i>			
Ca	ASTM D5185	ppm	
Mg	ASTM D5185	ppm	
P	ASTM D5185	ppm	

0
0
3
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0

2	0
0	0
1	1
0	1
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	1
0	0
28	27



COMMENTS : 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.

M. D., David Baule



Will not be copy without the written approval of CALIA. Sampling and customer information about sample, condition the right interpretation of results. The responsibility of CALIA cannot be engaged.