

TURBINES REPORT

ACCOUNT INFORMATION :

 Name :
 Mail :
 Phone number :

Adress : AEROPORT

Order n°:

COMPONENT INFORMATION :

 Component ID : **EM3 135LR MODEL T-62T-40C14**
 Tracking number :
 Sampling point : **TURBINES**

 Lubricant type : **BP TURBO 2380**
 Grade : **22**

Severity Status Level :



SAMPLE INFORMATION :

 Sample n° :
 Date of received :
 Date sample taken :
 Total machine hours :
 Lubricant service hours :
 Drain (D) / Sampling (S)

 1017306
 17/10/14

OIL CONDITION	Method	Result units	Limits
Viscosity at 40°C :	ASTM D445	mm2/s	< 21,7 / 26,2 <
Viscosity at 100°C :	ASTM D445	mm2/s	< 4,47 / 5,47 <
Viscosity index	ASTM D445	/	
Acidity index	ASTM D974	mg KOH / g	< 1,0

Résultats

 25.18
 5,18
 141

Results

Results Results Results

CONTAMINATION	Method	Result units	Limits
Water content :	ASTM D-1744	ppm	< 500
Filtration 0,8 microns :	NF E 48-652	mg/L	< 500
Particle count (SAE AS4059) :	ASTM D7596	mg/mL	
Si	ASTM D5185	ppm	
Na	ASTM D5185	ppm	

 382
 46
 10A
 0
 0

Results Results Results

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

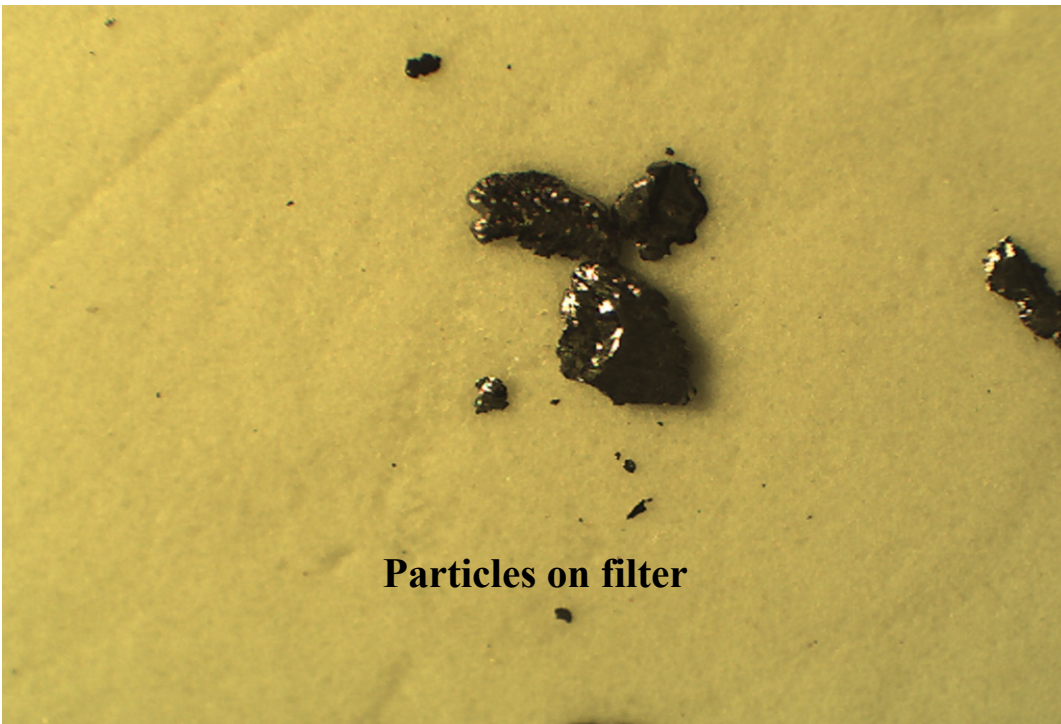
 0
 4
 0
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 11 517

 Results Results Results
 Oil

COMMENTS : Contamination class is 10 on small particles, make a filtration if it's necessary. Acidity index is very high and shows an important oxidation of the lubricant (burnt oil). Make an oil change to clean up and restore good properties. Check the oil temperature and condition of the system. Other results are correct. Particles found in the filter are ferromagnetic (iron + cadmium) and measure between diameter 38µm and diameter 157µm.

Time of writting : 26/06/17

M. D., David Baule



Particles on filter