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**CUSTOMER**

.DEMO2 prueba  
 Cliente 1  
 Direccion  
 20600 EIBAR  
 Guipuzcoa

**SAMPLE DATA**

Ref: demo2-B-S99.1

Descrip.:

Tmk: TORRE 21

Model: AEROGENERADOR

Serial N.: N°127

Sample Ref.: 22/11/2001-4228

Oil label:

Date sampled: 22/11/2001

Oil type: ISO 320

S/Ref. :

Lab. date: 22/11/2001

Machine serv.:

Oil serv.:

Adds (I):

Capac.(I):

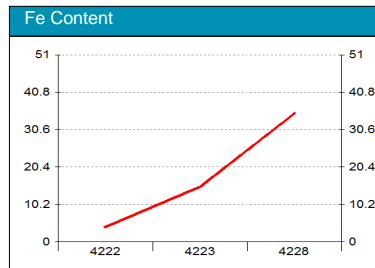
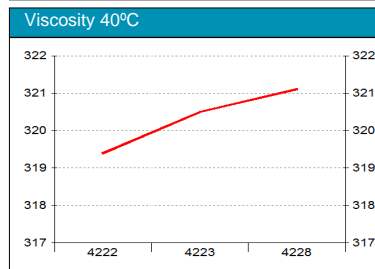
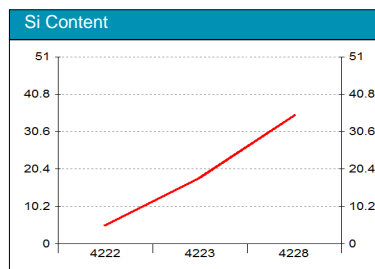
**LAST SAMPLE CONCLUSIONS**

Trazas de silicio indicativo de entrada de polvo exterior.  
 Revisar sistemas de admisión de aire (filtros, juntas, retenes.)  
 Enviar otra muestra a las 500 horas para verificar la evolución  
 Muestra finalizada por: amalaga  
 21/02/2013 9:29:36



**RESULTS**

	22/11/2001	17/05/2001	11/02/2001
<b>Sample Ref.:</b>	<b>4228</b>	4223	4222
Machine serv.:			
Oil serv.:			
<b>Status</b>			
Appearance (Adim) (PE-TA.096)	Dark transp.	Deposits	
Water content (mg/kg) (ASTM D 6304-07Proc. A)	58	34	27
Nitration (ABS/cm) (PE-TA.071)	2	< 1	< 1
Oxidation (ABS/cm) (PE-TA.071)	5	1	< 1
TAN (mgr KOH/gr) (ASTM D 974-12)	0.65	0.62	0.58
Viscosity 40°C (cst) (ASTM D 445-12)	321.1	320.5	319.4
<b>Particles count</b>			
ISO 4406/99 (Adim) (ASTM D7647-10)	20/18/13	19/17/13	16/13/9
Part > 4 microns (100ml)	5542	3872	356
Part > 6 microns (100ml)	1408	1014	60
Part > 14 microns (100ml)	71	63	5
<b>Additives</b>			
B Content (ppm) (ASTM D 5185-09 mod.)	0	0	0
Ca Content (ppm) (ASTM D 5185-09 mod.)	40	42	55
Li Content (ppm) (ASTM D 5185-09 mod.)	0	0	0
Mg Content (ppm) (ASTM D 5185-09 mod.)	0	0	0
P Content (ppm) (ASTM D 5185-09 mod.)	2891	3042	3156
Zn Content (ppm) (ASTM D 5185-09 mod.)	1687	1752	1892
<b>Contamination and wear metals</b>			
Al Content (ppm) (ASTM D 5185-09 mod.)	11	0	0
Cr Content (ppm) (ASTM D 5185-09 mod.)	2	0	0
Cu Content (ppm) (ASTM D 5185-09 mod.)	8	4	80
Fe Content (ppm) (ASTM D 5185-09 mod.)	35	15	4
Mo Content (ppm) (ASTM D 5185-09 mod.)	0	0	0
Ni Content (ppm) (ASTM D 5185-09 mod.)	0	0	0
Pb Content (ppm) (ASTM D 5185-09 mod.)	2	0	100
Si Content (ppm) (ASTM D 5185-09 mod.)	35	18	5
Sn Content (ppm) (ASTM D 5185-09 mod.)	0	0	1
<b>Particles</b>			
PQ Index (Adim) (PE-TA.024)	40	21	15



Performed by: Adolfo Málaga  
 Diagnostician  
 22/11/2001

Status: Normal Caution Alarm



NOTE: The obtained results only correspond to the tested samples. This report can not be partially reproduced without permission in writing of the laboratory that emits it. Sample will be destroyed **15 DAYS** after the emission of this report.