



CUSTOMER

W.F. VOSKERO
Aggeliki Kritikou

SAMPLE DATA

Ref: VEST00649-0003-S50.1

Descrip.: Gearbox - Gearbox

Tmk:

Model: V-52

Serial N.: 18509

Sample Ref.: 14/06/2016-1070941

Oil label:

Date sampled: 02/03/2016

Oil type: TEXACO MEROPA 320

S/Ref. :

Lab. date: 10/06/2016

Machine serv.:

Oil serv.:

Adds (I):

Capac.(I):

LAST SAMPLE CONCLUSIONS

Calcium content significantly high. Follow actions in VTM. Molybdenum content significantly high. Follow actions in VTM.



RESULTS

Date sampled:	02/03/2016	10/08/2015	18/06/2015	15/04/2014
Sample Ref.:	1070941	1016848	976190	872648
Machine serv.:				
Oil serv.:				

Report date:	20/06/2016	23/11/2015	22/06/2015	09/05/2014
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Status

Oxidation (A/cm)			<1	
Oxidation (A/cm)	<1	3		<1
Appearance (Adim)	Dark transp.	Dark transp.	Bright Transp.	Bright Transp.
Water content (mg/kg)		62	98	302
Water content (mg/kg)	68			
TAN (mgr KOH/gr)	0.36	0.4	0.38	1.32
Visc. Index (Adim)	110	97	97	150
Viscosity 100°C (cst)		24.1	24.08	34.24
Viscosity 100°C (cst)	25.65			
Viscosity 40°C (cst)		312.2	313.6	322.73
Viscosity 40°C (cst)	302.1			

Particles count

ISO 4406/99 (Adim)	19/17/12	21/16/10	22/18/13	17/15/10
Part > 4 microns (100ml)	452542	1210018	2930444	98881
Part > 6 microns (100ml)	126461	34965	136013	31070
Part > 14 microns (100ml)	2131	986	4132	843

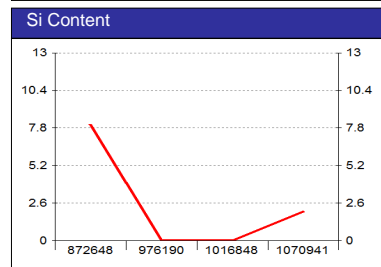
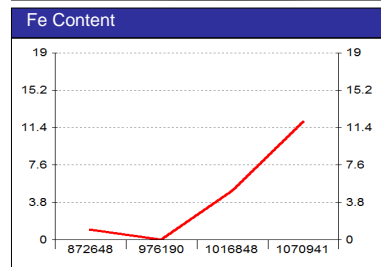
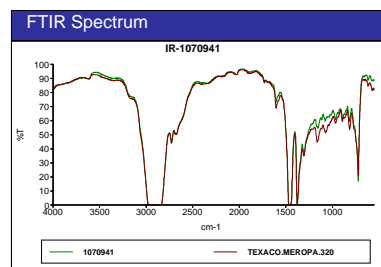
Additives

B Content (ppm)	<30		<5	0
Ba Content (ppm)	0	0	<5	0
Ca Content (ppm)	311	13	19	1655
Mg Content (ppm)	2	0	<5	6
P Content (ppm)	194	189	205	319
Zn Content (ppm)	19	12	9	2

Contamination and wear metals

Al Content (ppm)	0	0	<5	0
Cr Content (ppm)	0	0	<5	1
Cu Content (ppm)	1	1	<5	0
Fe Content (ppm)	12	5	<5	1
K Content (ppm)	1	0	<5	0
Mo Content (ppm)	179	2	7	880
Na Content (ppm)	4	0	<5	2
Ni Content (ppm)	0	0	<5	0

Status: Normal **Caution** **Alarm**
Tests done from 09/06/2016 to 14/06/2016



Performed by: Manuel Bilbao

14/06/2016



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RESULTS

Date sampled: 02/03/2016 10/08/2015 18/06/2015 15/04/2014

Sample Ref.: 1070941 1016848 976190 872648

Machine serv.:

Oil serv.:

Report date: 20/06/2016 23/11/2015 22/06/2015 09/05/2014

Contamination and wear metals

Pb Content (ppm) 0 0 <5 0

Si Content (ppm) 2 0 <5 8

Sn Content (ppm) 0 0 <5 1

Particles

PQ Index (Adim) 4 6 5 1

Performed by: Manuel Bilbao

14/06/2016

Status: Normal **Caution** **Alarm**
Tests done from 09/06/2016 to 14/06/2016



NOTE: The obtained results only correspond to the tested samples. This report can not be reproduced neither partially nor totally without the express written permission of the laboratory that emits it. Sample will be destroyed **15 DAYS** after the emission of this report.

The uncertainties of the tests are calculated and available to customers

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This service is to aid preventive/predictive maintenance actions only.

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