**Test report** Ref: 5-23311-2016-1070945-0 1/3



## **CUSTOMER**

W.F. VOSKERO Aggeliki Kritikou

## **SAMPLE DATA**

Ref: VEST00649-0002-S50.1 Descrip.: Gearbox - Gearbox

Tmk: Model: V-52 Serial N.: 18508

Sample Ref.: 17/06/2016-1070945 Oil label:

Date sampled: 26/02/2016 Oil type: CASTROL OPTIGEAR SYNTHETIC X 320 S/Ref.: Lab. date: 10/06/2016

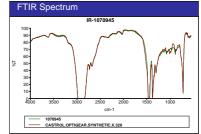
Machine serv.: Oil serv.: Adds (I): Capac.(I):

## LAST SAMPLE CONCLUSIONS

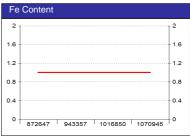
The oil is fit for further use. There are no symptoms of contamination or abnormal wear.

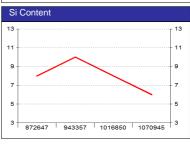


#### **RESULTS** 26/02/2016 27/07/2015 30/01/2015 09/04/2014 Date sampled: 1070945 1016850 943357 872647 Sample Ref.: Machine serv.: Oil serv.: Report date: 20/06/2016 23/11/2015 25/02/2015 09/05/2014 **Status** Oxidation (A/cm) <1 Oxidation (A/cm) <1 < 1 Appearance (Adim) Dark transp. Dark transp. Dark transp. Bright Transp. Water content (mg/kg) 545 365 367 233 0.92 1.18 TAN (mgr KOH/gr) 1 45 1.33 Visc. Index (Adim) 151 153 150 150 Viscosity 100°C (cst) 34 92 34 38 34 39 Viscosity 100°C (cst) 33.8 Viscosity 40°C (cst) 323.6 324.5 323.11 Viscosity 40°C (cst) 314.1 Particles count ISO 4406/99 (Adim) 19/18/13 18/16/10 18/16/12 17/16/13 Part > 4 microns (100ml) 416982 182718 191914 96525 Part > 6 microns (100ml) 145238 52685 45316 32239 Part > 14 microns (100ml) 5058 691 3157 4141 Additives B Content (ppm) <30 0 0 0 Ba Content (ppm) 0 1575 1632 2168 1695 Ca Content (ppm) 5 Mg Content (ppm) 5 6 6 P Content (ppm) 291 303 409 320 Zn Content (ppm) 3 1 1 1 Contamination and wear metals Al Content (ppm) 0 3 0 0 Cr Content (ppm) 0 0 0 0 Cu Content (ppm) 1 0 0 Fe Content (ppm) 1 1 1 0 0 K Content (ppm) 846 879 1085 909 Mo Content (ppm) 2 2 0 2 Na Content (ppm) 0 0 0 O Ni Content (ppm) 0 0 Pb Content (ppm) 0 0









Performed by: Manuel Bilbao



Status: Normal Caution Alarm Tests done from 09/06/2016 to 20/06/2016









NOTE: The obtained results only correspond to the tested samples. This report can not be reproduced neither partially not totally without the express writen 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 IK4 - TEKNIKER does not provide any warranty expressed or implied is made against failure of this equipment. The reported recommendations are based on interpretations of the generated test results, equipment historical data and the information supplied by the customer. This service is to ald preventive/predictive maintenance actions only.

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**Test report** Ref: 5-23311-2016-1070945-0 2/3



## **CUSTOMER**

Lab. date:

W.F. VOSKERO Aggeliki Kritikou

# **SAMPLE DATA**

Ref: VEST00649-0002-S50.1 Descrip.: Gearbox - Gearbox

Tmk: Model: V-52 Serial N.: 18508

Sample Ref.: 17/06/2016-1070945 Oil label: Date sampled: 26/02/2016 Oil type: CASTROL OPTIGEAR SYNTHETIC X 320

Machine serv.: Oil serv.: Adds (I): Capac.(I):

## LAST SAMPLE CONCLUSIONS

S/Ref.:

The oil is fit for further use. There are no symptoms of contamination or abnormal wear.



10/06/2016

	DEGIN TO				
	RESULTS				
Date sampled:	26/02/2016	27/07/2015	30/01/2015	09/04/2014	
Sample Ref.:	1070945	1016850	943357	872647	
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serv.:					
eport date:	20/06/2016	23/11/2015	25/02/2015	09/05/2014	
ontamination and wear metals					
Content (ppm)	6	8	10	8	
n Content (ppm)	2	2	1	2	
articles					
Index (Adim)	2	3	4	4	
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sts done from 09/06/2016 to 20/06/2016  The obtained results only correspond to the tested sample the express writen permission of the laboratory that emits	•	•	^	_	V C

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**Test report** Ref: 5-23311-2016-1070945-0 3/3



# **CUSTOMER**

# W.F. VOSKERO Aggeliki Kritikou