



Certificate of Analysis

WP0AA2997XS627131

Customer: UAOS	VIN Number:	WP0AA2997XS627131	Component Type:	Gasoline Engine
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Make: Porsche Model: 911 Fluid Manufacturer: Unidentified
 Model Year: 1999 Fluid Type: Unidentified Fluid Grade: Unknown



Your OilVue Summary:



IMMEDIATE ACTION

PQ Index number (ferrous material) at a severe level. Silicon level (dirt/sealant material) satisfactory. Water content acceptable. Viscosity within specified operating range. Action: Inspection for source of wear may be warranted at this time. Check for any abnormal noise or vibration. Resample at a reduced service interval to monitor and establish wear trend.

Severity Details

NO ACTION	Everything appears normal, continue current maintenance schedule.
MONITOR	Some results could be indicators of future issues. Minor or more regular maintenance suggested to improve results.
ACTION	Results indicate an issue requiring action by owner or a mechanic. Neglect may lead to failure or further damage.
IMMEDIATE ACTION	Severe issue(s) that may result in a failure detected. Take immediate action or contact a mechanic.

Testing conducted between Date Received and Date Reported

This analysis report is dependent upon the accurate completion of the sample submission sheet and correct sampling techniques as advised. The analysis is intended as an aid only in predicting mechanical wear and should not be regarded as a substitute for proper servicing or mechanical inspection. The company does not accept any liability whatsoever in respect of any loss or damage (including loss of profits, economic or other consequential loss or damage) however caused which may arise directly, or indirectly, as a result of the matters referred to in this analysis report.

Alarm limits are based on a combination of trend and OEM, client and/or ALS proprietary specifications. For more information please contact your testing laboratory.

Accredited for compliance with ISO/IEC 17025-Testing. Accreditation No. 11720.

Detailed Results next page ►



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Tracking No.: 8IJG06BC12AF

Date Sampled	20-Mar-22			
Date Received	29-Mar-22			
Date Reported	01-Apr-22			
Tracking Number	8IJG06BC12AF			
Miles/Hours on Vehicle	110000			
Miles/Hours on Oil	5000			
Sample Severity	Immediate Action	notrated_small_v1	notrated_small_v1	notrated_small_v1

Typical Values 20-Mar-22

Metals (ppm)

Iron (Fe)	ppm	7		
Chromium (Cr)	ppm	<1		
Lead (Pb)	ppm	2		
Copper (Cu)	ppm	10		
Tin (Sn)	ppm	2		
Aluminium (Al)	ppm	6		
Nickel (Ni)	ppm	<1		
Silver (Ag)	ppm	<1		
Titanium (Ti)	ppm	<1		
Vanadium (V)	ppm	<1		

Contaminants (ppm)

Silicon (Si)	ppm	10		
Sodium (Na)	ppm	10		
Potassium (K)	ppm	<1		

Additives (ppm)

Magnesium (Mg)	ppm	18		
Calcium (Ca)	ppm	3009		
Barium (Ba)	ppm	<1		
Phosphorus (P)	ppm	830		
Zinc (Zn)	ppm	978		
Molybdenum (Mo)	ppm	43		
Boron (B)	ppm	60		

Contaminants

Water (%)	%	<0.05		
Coolant		No		

Physical Tests

PQ Index		759		
Viscosity (cSt 100C)		11.3		

Physical / Chemical

Acid Number (mgKOH/g)	mgKOH/g	1.80		
Oxidation (Abs/0.1mm) E2412/D7414		6		
Nitration (Abs/0.1mm) E2412		7		

End of Report.