Bureau Veritas Oil Condition Monitoring -
3385 Martin Farm Road, Suwanee, GA - 30024
800-241-6315

Sample Analysis Report

Status:

Account Information		Sample Information		Other Sample Information	
Lab Customer ID#:	213604	Lab No.:	201711290397	PO No.:	
Company Name:	Wayfarer Marine	Sample Tracking #:	NONE	Work Order No.:	
Company Worksite:	Camden, ME	Sample Date	Nov 18, 2017	Reference No.:	7591270
Company Address:	59 SEA STREET CAMDEN, ME, 04843-0677	Received Date:	Nov 29, 2017		
		Completed Date:	Nov 29, 2017		
Unit Information		**Component Information**		**Fluid Information**	
Unit ID:	JEAN MARIE	Cpnt. Description:	MAIN PORT ENGINE	Fluid Manufacturer:	UNSPECIFIED
Unit Mfg:	Mannesmann	Cpnt. Mfg:	Not Specified	Fluid Brand/Product:	UNKNOWN
Unit Model:		Cpnt. Model:		Fluid Grade:	15W40
Unit Serial #:		Cpnt. Serial #:			
Unit Worksite:		Cpnt. Type:	DIESEL ENGINE		

Maintenance Recommendations for Lab No.: 201711290397
Evaluated By: Ross Master - Data Analyst
ANALYSIS REFLECTS CONDITIONS / VALUES NOTED FOR MONITORING PURPOSES ONLY. Time on the oil was not provided. COPPER may be partly from oil cooler tubing. RESAMPLE at the next scheduled interval.

SPECTROCHEMICAL ANALYSIS IN PARTS PER MILLION

		Wear Metals										Contaminants			Additives							
LAB NO.	SAMPLE DRAWN	Iron	Chromium	Nickel	Aluminum	Lead	Copper	Tin	Silver	Titanium	Vanadium	Silicon	Sodium	Potassium	Boron	Molybdenum	Phosphorus	Zinc	Calcium	Barium	Magnesium	Antimony
0397	11/18/17	36	2	1	1	2	64 *	<1	<0.1	<1	<1	3	3	<1	82	61	1005	1197	1902	<1	680	<1

SAMPLE INFORMATION

LAB NO.	SAMPLE DRAWN	UNIT TIME	FLUID TIME	UOM	FILTER CHG.	LUBE SERVICE
0397	11/18/17	1257		MI	No	S

FLUID PROPERTIES/CONTAMINANTS

D7279 Vis 100 °C	Visc Grade	E2412 SOOT	E2412 GLY ‡	Water	Fuel ‡
14.0	40	0.3	NEG	<0.1	<1.0

KEY: UoM - Unit of Measure Y - Yes N - No C - Changed S - Sampled > - Greater Than < - Less Than N/R - Not Reported (M) - Modified /method

Testing performed by Bureau Veritas ®, an ISO/IEC 17025:2005 accredited laboratory. L-A-B accredited Certificate Number L2264. †: Not in scope of accreditation. For further details on outsourced testing, contact the laboratory directly. ‡: This test is run based on a trigger test, in this case "<" values indicate that the trigger test was either not positive or the result was below the reportable limit. For a list of trigger tests refer to http://www.bureauveritas.com/oil-analysis.
Notice: This analysis is intended as an aid in predicting mechanical wear. Test results, maintenance recommendations and accuracy are affected by customer provided samples, equipment identification, maintenance history and apply only to this sample as provided. No guarantee, expressed or implied, is made against failure of this piece of equipment or a component thereof. The ultimate responsibility for the maintenance of this piece of equipment and all if its components is the responsibility of the equipment owner.