



# OIL REPORT

LAB NUMBER: H15305      UNIT ID: VIRGIN  
 REPORT DATE: 11/16/2015      CLIENT ID: 79780  
 CODE: 44/685      PAYMENT: CC: MC

<b>UNIT</b>	MAKE/MODEL: Virgin 0W/40	OIL TYPE & GRADE: Red Line 0W/40
	FUEL TYPE:	OIL USE INTERVAL:
	ADDITIONAL INFO: Red Line	

<b>CLIENT</b>	
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<b>COMMENTS</b>	REID: This oil uses quite a bit of molybdenum, phosphorus, and zinc as anti-wear compounds, and the other elements you see serve detergent/dispersant and anti-foaming properties. The viscosity was fine and no water or solids were present. The TBN read 8.1, so there's plenty of active additive here. This oil should be fine for use!
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<b>ELEMENTS IN PARTS PER MILLION</b>	MI/HR on Oil		<b>UNIT / LOCATION AVERAGES</b>					<b>UNIVERSAL AVERAGES</b>
	MI/HR on Unit							
	Sample Date	10/30/2015						
	Make Up Oil Added							
ALUMINUM	0	0						1
CHROMIUM	0	0						0
IRON	0	0						1
COPPER	0	0						0
LEAD	0	0						0
TIN	0	0						0
MOLYBDENUM	624	624						93
NICKEL	0	0						0
MANGANESE	0	0						0
SILVER	0	0						0
TITANIUM	0	0						2
POTASSIUM	3	3						18
BORON	113	113						127
SILICON	15	15						5
SODIUM	14	14						3
CALCIUM	3043	3043						2529
MAGNESIUM	10	10						96
PHOSPHORUS	1263	1263						868
ZINC	1498	1498						999
BARIUM	0	0						0

Values Should Be\*

<b>PROPERTIES</b>	SUS Viscosity @ 210°F	79.3	65-80				
	cSt Viscosity @ 100°C	15.34	11.6-15.8				
	Flashpoint in °F	450	>385				
	Fuel %	-	<2.0				
	Antifreeze %	-	0.0				
	Water %	0.0	<0.1				
	Insolubles %	0.0	<0.6				
	TBN	8.1	>1.0				
	TAN						
	ISO Code						

\* THIS COLUMN APPLIES ONLY TO THE CURRENT SAMPLE

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