



# OIL REPORT

LAB NUMBER: D30419  
 REPORT DATE: 2/6/2008  
 CODE: 20/12

UNIT ID: REDLINE

<b>UNIT</b>	MAKE/MODEL: Virgin 10W/40	OIL TYPE & GRADE: Red Line 10W/40
	FUEL TYPE:	OIL USE INTERVAL:
	ADDITIONAL INFO:	

<b>CLIENT</b>	GIL BAUMGARTNER
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**COMMENTS**  
 GIL: You can see the fairly strong ZDDP content in the phosphorus and zinc levels. There is also a lot of molybdenum in this oil. No moisture found, and no insolubles found, either, which is a nice change of pace. Many virgin samples have traces of insolubles in them these days. The viscosity was normal for a 10W/40 oil.

<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	02/05/08						
	Make Up Oil Added							
ALUMINUM	0	0						1
CHROMIUM	0	0						0
IRON	2	2						1
COPPER	0	0						0
LEAD	0	0						0
TIN	0	0						0
MOLYBDENUM	752	752						63
NICKEL	0	0						0
MANGANESE	0	0						0
SILVER	0	0						0
TITANIUM	0	0						0
POTASSIUM	3	3						0
BORON	35	35						78
SILICON	9	9						3
SODIUM	18	18						3
CALCIUM	2921	2921						1940
MAGNESIUM	9	9						92
PHOSPHORUS	1068	1068						856
ZINC	1214	1214						1008
BARIUM	0	0						23

Values Should Be\*

<b>PROPERTIES</b>							
SUS Viscosity @ 210°F	74.3	64-76					
cSt Viscosity @ 100°C	14.07	11.3-14.8					
Flashpoint in °F	430	>415					
Fuel %	-	<2.0					
Antifreeze %	-	0					
Water %	0.0	<0.1					
Insolubles %	0.0	<0.8					
TBN							
TAN							
ISO Code							

\* THIS COLUMN APPLIES ONLY TO THE CURRENT SAMPLE

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