



# OIL REPORT

LAB NUMBER: F84931  
REPORT DATE: 11/20/2013  
CODE: 7/711

UNIT ID: MYOIL-NEW  
CLIENT ID:  
PAYMENT:

UNIT	EQUIP. MAKE/MODEL: Additive	OIL TYPE & GRADE: Additive
	FUEL TYPE:	OIL USE INTERVAL:
	ADDITIONAL INFO:	

CLIENT	PHONE:
	FAX:
	ALT PHONE:
	EMAIL:

COMMENTS	This virgin sample contains a lot of potassium and boron, which are typical finds in Archoil AR0100. A little calcium is present as well. The low TBN you expected was right -- it's reading at 3.7. The viscosity was as we would expect from a 5W/20 oil, and no moisture was found. Insolubles were on the high side for virgin oil, but this is probably just additive falling out of suspension as they were very light in color. The TAN was 0.0.
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ELEMENTS IN PARTS PER MILLION	MI/HR on Oil		UNIT / LOCATION AVERAGES						UNIVERSAL AVERAGES
	MI/HR on Unit								
	Sample Date	11/7/2013							
	Make Up Oil Added								
	ALUMINUM	0							
	CHROMIUM	0							
	IRON	0							
	COPPER	0							
	LEAD	0							
	TIN	0							1
	MOLYBDENUM	0							35
	NICKEL	0							1
	MANGANESE	0							1
	SILVER	0							0
	TITANIUM	0							1
	POTASSIUM	1266							7
	BORON	1164							66
	SILICON	0							6
	SODIUM	8							6
	CALCIUM	26							1847
	MAGNESIUM	0							164
	PHOSPHORUS	6							845
	ZINC	0							986
	BARIUM	0							0

Values  
Should Be\*

PROPERTIES	SUS Viscosity @ 210°F	49.7					
	cSt Viscosity @ 100°C	7.17					
	Flashpoint in °F	515					
	Fuel %	-					
	Antifreeze %	-					
	Water %	0.0					
	Insolubles %	0.4					
	TBN	3.7	>1.0				
	TAN	0.0					
	ISO Code						

\* THIS COLUMN APPLIES ONLY TO THE CURRENT SAMPLE

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