



OIL REPORT

LAB NUMBER: F84931 UNIT ID: MYOIL-NEW
 REPORT DATE: 11/20/2013 CLIENT ID: 46104
 CODE: 7/711 PAYMENT: CC: Visa

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

CLIENT	ARCHOIL POLSKA	PHONE: (+48) 501-036303
	UL. ZURAWINY 1	FAX:
	WARSZAWA, 04937 POLAND	ALT PHONE:
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COMMENTS WOJTEK: This virgin sample contains a lot of potassium and boron, which are typical finds in Archoil AF0100. 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.

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								3
CHROMIUM	0								1
IRON	0								24
COPPER	0								2
LEAD	0								5
TIN	0								1
MOLYBDENUM	0								42
NICKEL	0								0
MANGANESE	0								0
SILVER	0								0
TITANIUM	0								2
POTASSIUM	1266								5
BORON	1164								76
SILICON	0								6
SODIUM	8								7
CALCIUM	26								1811
MAGNESIUM	0								487
PHOSPHORUS	6								1018
ZINC	0								1201
BARIIUM	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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