



OIL REPORT

LAB NUMBER: D34787
 REPORT DATE: 3/26/2008
 CODE: 44/286

UNIT ID: SHELL RTLL
 CLIENT ID: 30497
 PAYMENT: Prepaid

UNIT	MAKE/MODEL: Virgin 5W/40	OIL TYPE & GRADE: Shell Rotella T 5W/40 (Syn)
	FUEL TYPE:	OIL USE INTERVAL: 0
	ADDITIONAL INFO:	

CLIENT	PHONE:
	FAX:
	ALT PHONE:
	EMAIL: teddbmwcca@yahoo.com

COMMENTS
 It's pretty common these days to find traces of metals in virgin oil samples. Though technically they shouldn't be there, they aren't hurting anything. You could have 3-4 ppm of any of these metals in your eye and not know it. The TBN starts off strong at 11.7, so this oil should work well for you in running extended oil changes. We found no moisture or insolubles. Rotella is good oil. It's a good choice.

ELEMENTS IN PARTS PER MILLION	MI/HR on Oil	0	UNIT / LOCATION AVERAGES					UNIVERSAL AVERAGES
	MI/HR on Unit							
	Sample Date	03/15/08						
	Make Up Oil Added							
ALUMINUM	1	1						0
CHROMIUM	0	0						0
IRON	2	2						1
COPPER	0	0						0
LEAD	0	0						0
TIN	0	0						0
MOLYBDENUM	0	0						37
NICKEL	0	0						0
MANGANESE	0	0						0
SILVER	0	0						0
TITANIUM	0	0						0
POTASSIUM	2	2						0
BORON	1	1						53
SILICON	6	6						5
SODIUM	2	2						2
CALCIUM	2834	2834						2412
MAGNESIUM	9	9						218
PHOSPHORUS	1221	1221						945
ZINC	1331	1331						1093
BARIUM	0	0						0

Values Should Be*

PROPERTIES	SUS Viscosity @ 210°F	76.2	66-78				
	cSt Viscosity @ 100°C	14.57	11.9-15.3				
	Flashpoint in °F	425	>410				
	Fuel %	-	<2.0				
	Antifreeze %	-	0.0				
	Water %	0.0	<0.1				
	Insolubles %	0.0	<0.8				
	TBN	11.7					
	TAN						
	ISO Code						

* THIS COLUMN APPLIES ONLY TO THE CURRENT SAMPLE

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