



OIL REPORT

LAB NUMBER: K85305
 REPORT DATE: 1/15/2019
 CODE: 20/685

UNIT ID: MOBIL 1 5W30
 CLIENT ID:
 PAYMENT: CC: MC

UNIT	MAKE/MODEL: Virgin 5W/30	OIL TYPE & GRADE: Mobil 1 5W/30
	FUEL TYPE:	OIL USE INTERVAL:
	ADDITIONAL INFO:	

CLIENT	
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COMMENTS We went ahead and assumed this is a sample of Mobil 1 5W/30. The additive package is consistent with that type of oil, and it also looks about the same as used samples you've tested from the Titan. The viscosity is starting out at the top of the 5W/30 range, and the TBN tested at a stout 8.0 (plenty of active additive to start out). No moisture or solids were found, and oil additives are the only elements present at significant levels. This is serviceable oil that should perform well in your Nissan.

ELEMENTS IN PARTS PER MILLION	MI/HR on Oil		UNIT / LOCATION AVERAGES					UNIVERSAL AVERAGES
	MI/HR on Unit							
	Sample Date	12/2/2018						
	Make Up Oil Added							
ALUMINUM	0	1					1	
CHROMIUM	0	0					0	
IRON	0	0					1	
COPPER	0	0					0	
LEAD	0	0					1	
TIN	0	0					0	
MOLYBDENUM	71	71					62	
NICKEL	0	0					0	
MANGANESE	0	0					0	
SILVER	0	0					0	
TITANIUM	0	0					1	
POTASSIUM	0	1					5	
BORON	90	90					78	
SILICON	6	6					5	
SODIUM	2	2					37	
CALCIUM	924	924					1805	
MAGNESIUM	675	675					103	
PHOSPHORUS	665	665					677	
ZINC	729	729					790	
BARIUM	0	0					0	

Values Should Be*

PROPERTIES							
SUS Viscosity @ 210°	63.7	55-63					
cSt Viscosity @ 100°C	11.24	8.8-11.3					
Flashpoint in °F	440	>405					
Fuel %	-	<2.0					
Antifreeze %	-	0.0					
Water %	0.0	0.0					
Insolubles %	0.0	<0.6					
TBN	8.0	>1.0					
TAN							
ISO Code							

* THIS COLUMN APPLIES ONLY TO THE CURRENT SAMPLE

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