



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
FUEL TYPE:
ADDITIONAL INFO:

OIL TYPE & GRADE: Mobil 1 5W/30
OIL USE INTERVAL:

CLIENT

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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