



OIL REPORT

LAB NUMBER:
 REPORT DATE: 9/1/2016
 CODE: 22/501

UNIT ID:
 CLIENT ID:
 PAYMENT:

UNIT	EQUIP. MAKE/MODEL: Virgin 0W/40	OIL TYPE & GRADE: Mobil 1 0W/40 Euro
	FUEL TYPE:	OIL USE INTERVAL:
	ADDITIONAL INFO:	

CLIENT	PHONE:
	FAX:
	ALT PHONE:
	EMAIL:

COMMENTS This is a good sample of Mobil 1 0W/40. The additive package is consistent with that type of oil. Other elements are at just trace levels, so there's no reason to worry about dirt or metal contamination. The viscosity is correct for the grade, and the TBN is starting off very strong at 11.2. Our tests found no moisture or solids, and the flashpoint is high enough to be considered normal. This oil should do a good job in your Porsche.

ELEMENTS IN PARTS PER MILLION	MI/HR on Oil		UNIT / LOCATION AVERAGES					UNIVERSAL AVERAGES
	MI/HR on Unit							
	Sample Date	8/29/2016						
	Make Up Oil Added							
ALUMINUM	1	1						1
CHROMIUM	0	0						0
IRON	1	1						1
COPPER	0	0						0
LEAD	0	0						0
TIN	0	0						0
MOLYBDENUM	75	75						88
NICKEL	0	0						0
MANGANESE	0	0						0
SILVER	0	0						0
TITANIUM	0	0						2
POTASSIUM	5	5						16
BORON	269	269						126
SILICON	3	3						5
SODIUM	2	2						3
CALCIUM	3168	3168						2552
MAGNESIUM	15	15						95
PHOSPHORUS	965	965						875
ZINC	1037	1037						1003
BARIUM	0	0						0

Values Should Be*

PROPERTIES	SUS Viscosity @ 210°F	71.5	65-75				
	cSt Viscosity @ 100°C	13.36	11.6-14.5				
	Flashpoint in °F	425	>385				
	Fuel %	-	<2.0				
	Antifreeze %	-	0.0				
	Water %	0.0	<0.1				
	Insolubles %	0.0	<0.6				
	TBN	11.2	>1.0				
	TAN						
	ISO Code						

* THIS COLUMN APPLIES ONLY TO THE CURRENT SAMPLE