OIL REPORT

LAB NUMBER: L87199 **UNIT ID:** 13 911S
REPORT DATE: 12/20/2019 **CLIENT ID:** 153799
CODE: 20/32 **PAYMENT:** CC: Discover

UNIT

MAKE/MODEL: Porsche 3.8L H-6 DFI
FUEL TYPE: Gasoline (Unleaded)
ADDITIONAL INFO:
OIL TYPE & GRADE: Mobil 1 5W/50
OIL USE INTERVAL: 3,000 Miles

CLIENT

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COMMENTS

MARK: Your 911S really knows how to make a first impression! We gauge internal wear by comparing the metals aluminum through tin to averages for the engine type, which are based on about 3,600 miles of oil use for this type of Porsche. Iron's a little on the high side in your sample, but it isn't so high that it shows excess wear at steel parts. It's still in the average range. The rest of the metals look great, and the only contamination to note is 0.8% fuel dilution. A little fuel is harmless and is probably just from normal use. No problems stand out in these nice results.

ELEMENTS IN PARTS PER MILLION

		UNIT / LOCATION AVERAGES						UNIVERSAL AVERAGES
MI/HR on Oil	3,000							
MI/HR on Unit	66,000							
Sample Date	11/17/2019							
Make Up Oil Added	0.50 qts							
ALUMINUM	5	5						5
CHROMIUM	1	1						0
IRON	16	16						9
COPPER	3	3						7
LEAD	2	2						2
TIN	1	1						1
MOLYBDENUM	68	68						92
NICKEL	0	0						0
MANGANESE	1	1						2
SILVER	0	0						0
TITANIUM	0	0						0
POTASSIUM	2	2						3
BORON	188	188						156
SILICON	3	3						4
SODIUM	5	5						6
CALCIUM	2751	2751						2743
MAGNESIUM	48	48						28
PHOSPHORUS	854	854						880
ZINC	940	940						991
BARIUM	0	0						0

PROPERTIES

		Values Should Be*					
SUS Viscosity @ 210°F	76.2	70-86					
cSt Viscosity @ 100°C	14.55	12.9-17.3					
Flashpoint in °F	**375**	>390					
Fuel %	0.8	<2.0					
Antifreeze %	0.0	0.0					
Water %	0.0	0.0					
Insolubles %	0.2	<0.6					
TBN							
TAN							
ISO Code							

*** THIS COLUMN APPLIES ONLY TO THE CURRENT SAMPLE**

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