OIL REPORT

LAB NUMBER: K67999 **UNIT ID:** KERMIT 110
REPORT DATE: 11/6/2018 **CLIENT ID:** 133201
CODE: 63/32 **PAYMENT:** CC: MC

UNIT

MAKE/MODEL: Porsche 3.4L H-6
FUEL TYPE: Gasoline (Unleaded)
ADDITIONAL INFO: 1999 996.1

OIL TYPE & GRADE: Joe Gibbs XP9 10W/40
OIL USE INTERVAL: 840 Miles

CLIENT

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COMMENTS

JOHN: Kermit the 911 gets a clean first report from us. It sounds like this engine is used for hard race use, but you can't tell by the amount of metal in this sample. Universal averages show typical wear for a stock M96 with about 4,000 miles of normal street use on the oil. These are good results for a race engine after 840 miles (of what we assume is track use). All of the molybdenum is just additive in the XP9 oil you're using. It's from the compound molybdenum disulfide, which is commonly found in gasoline engine oils. In short, this is a great first report!

ELEMENTS IN PARTS PER MILLION

		UNIT / LOCATION AVERAGES						UNIVERSAL AVERAGES
MI/HR on Oil	840							
MI/HR on Unit	8,000							
Sample Date	10/20/2018							
Make Up Oil Added	0.2 qts							
ALUMINUM	4	4						4
CHROMIUM	0	0						1
IRON	7	7						10
COPPER	2	2						7
LEAD	2	2						2
TIN	1	1						1
MOLYBDENUM	874	874						85
NICKEL	0	0						0
MANGANESE	0	0						1
SILVER	0	0						0
TITANIUM	0	0						1
POTASSIUM	0	0						2
BORON	46	46						121
SILICON	12	12						7
SODIUM	4	4						10
CALCIUM	573	573						2602
MAGNESIUM	13	13						88
PHOSPHORUS	1062	1062						903
ZINC	1170	1170						1033
BARIUM	0	0						0

PROPERTIES

		Values Should Be*					
SUS Viscosity @ 210°F	66.2	65-76					
cSt Viscosity @ 100°C	11.93	11.6-14.8					
Flashpoint in °F	390	>375					
Fuel %	<0.5	<2.0					
Antifreeze %	0.0	0.0					
Water %	0.0	<0.1					
Insolubles %	0.1	<0.6					
TBN							
TAN							
ISO Code							

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

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