COMMENTS

THOMAS: We're not sure of the mileage on this sample, but most wear metals look pretty good next to universal averages. Those show typical wear for Porsche's 5.4L V-8 after about 4,500 miles of use (we made an educated guess on engine specs, but let us know if anything's off). If anything, we'll keep an eye on chrome (from rings) and copper (from brass/bronze parts) next time since they're a little high, but we're not overly worried about the engine at this point. The viscosity was just a bit thick for 5W/40, but that's not harmful. Good, from what we can see!

ELEMENTS IN PARTS PER MILLION

MI/HR on Oil		UNIT / LOCATION AVERAGES						UNIVERSAL AVERAGES
MI/HR on Unit								
Sample Date	6/13/2018							
Make Up Oil Added								
ALUMINUM	5	5						5
CHROMIUM	4	4						2
IRON	5	5						6
COPPER	10	10						5
LEAD	1	1						3
TIN	0	0						1
MOLYBDENUM	85	85						181
NICKEL	0	0						0
MANGANESE	0	0						1
SILVER	0	0						0
TITANIUM	0	0						0
POTASSIUM	1	1						2
BORON	78	78						68
SILICON	4	4						6
SODIUM	4	4						127
CALCIUM	1154	1154						2346
MAGNESIUM	717	717						310
PHOSPHORUS	1170	1170						1186
ZINC	1252	1252						1402
BARIUM	0	0						0

PROPERTIES

		Values Should Be*					
SUS Viscosity @ 210°F	79.3						
cSt Viscosity @ 100°C	15.36						
Flashpoint in °F	400	>375					
Fuel %	<0.5	<2.0					
Antifreeze %	0.0	0.0					
Water %	0.0	0.0					
Insolubles %	0.1	<0.6					
TBN							
TAN							
ISO Code							

* THIS COLUMN APPLIES ONLY TO THE CURRENT SAMPLE

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