



OIL REPORT

LAB NUMBER: K32703
REPORT DATE: 7/2/2018
CODE: 44/32

UNIT ID: 14 PANAMERA-TR
CLIENT ID:
PAYMENT:

UNIT

MAKE/MODEL: Transmission Porsche PDK Automatic
FUEL TYPE:
ADDITIONAL INFO: Dual Clutch Trans

OIL TYPE & GRADE: Pentosin FFL 3 Transmission Fluid
OIL USE INTERVAL: 60,252 Miles

CLIENT

COMMENTS

This is a great first report for your Panamera's transmission. Universal averages show typical wear for this type of PDK after about 36,000 miles of oil use. This oil saw a much longer run yet your wear is lower than average. In fact, we are surprised we aren't seeing more metal and silicon from the wear-in period. We say that because the mileage suggests this is the factory oil. But we're not complaining about excellent readings. No insolubles or water was present and the viscosity was good for Pentosin FFL3. Very nice transmission!

ELEMENTS IN PARTS PER MILLION	MI/HR on Oil	60,252	UNIT / LOCATION AVERAGES						UNIVERSAL AVERAGES
	MI/HR on Unit	60,252							
	Sample Date	6/27/2018							
	Make Up Oil Added	0 qts							
	ALUMINUM	5	5						17
	CHROMIUM	0	0						0
	IRON	36	36						63
	COPPER	12	12						22
	LEAD	1	1						36
	TIN	0	0						1
	MOLYBDENUM	0	0						5
	NICKEL	0	0						1
	MANGANESE	14	14						8
	SILVER	0	0						0
	TITANIUM	0	0						0
	POTASSIUM	4	4						2
	BORON	88	88						100
	SILICON	10	10						12
	SODIUM	9	9						6
	CALCIUM	35	35						43
	MAGNESIUM	2	2						46
	PHOSPHORUS	439	439						498
	ZINC	8	8						22
	BARIUM	2	2						4

Values
Should Be*

PROPERTIES	SUS Viscosity @ 210°F	47.7	43-51					
	cSt Viscosity @ 100°C	6.55	5.1-7.9					
	Flashpoint in °F	430	>335					
	Fuel %	-	<0.0					
	Antifreeze %	-						
	Water %	0.0	<0.1					
	Insolubles %	0.0	<0.1					
	TBN							
	TAN							
	ISO Code							

* THIS COLUMN APPLIES ONLY TO THE CURRENT SAMPLE

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