OIL REPORT

LAB NUMBER:
REPORT DATE: 5/29/2015
CODE: 44/75

UNIT ID:
CLIENT ID:
PAYMENT:

UNIT

EQUIP. MAKE/MODEL: Transmission BMW Automatic
FUEL TYPE:
ADDITIONAL INFO: 2008 535i

OIL TYPE & GRADE: Auto Transmission Fluid
OIL USE INTERVAL: 49,150 Miles

CLIENT

PHONE:
FAX:
ALT PHONE:
EMAIL:

COMMENTS

This is the original oil from your BMW's tranmission, so we're not surpeised by the higher metals in this sample. They're from the initial wear-in process, which is fine. Now that you drained and filled the transmission with new oil, most of this material should've washed out. Your next report should look more like universal averages, which show typical wear leve after about 46,000 miles of oil use. No contamination or oxidized solids were found and the viscosity was spot on. Chec back next time to build wear trends for this transmission.

ELEMENTS IN PARTS PER MILLION

		UNIT / LOCATION AVERAGES					UNIVERSAL AVERAGES
MI/HR on Oil	49,150						
MI/HR on Unit	49,150						
Sample Date	5/20/2015						
Make Up Oil Added	0 qts						
ALUMINUM	18	18					30
CHROMIUM	0	0					0
IRON	124	124					93
COPPER	**210**	210					84
LEAD	**28**	28					9
TIN	**20**	20					3
MOLYBDENUM	0	0					2
NICKEL	0	0					0
MANGANESE	22	22					14
SILVER	0	0					0
TITANIUM	0	0					0
POTASSIUM	2	2					3
BORON	64	64					111
SILICON	8	8					23
SODIUM	17	17					9
CALCIUM	578	578					204
MAGNESIUM	1	1					3
PHOSPHORUS	388	388					364
ZINC	21	21					44
BARIUM	1	1					2

PROPERTIES

		Values Should Be*					
SUS Viscosity @ 210°F	43.5	42-51					
cSt Viscosity @ 100°C	5.27	4.8-7.9					
Flashpoint in °F	440	>335					
Fuel %	-						
Antifreeze %	0.0						
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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