



OIL REPORT

LAB NUMBER: K52766
 REPORT DATE: 9/12/2018
 CODE: 44/685

UNIT ID: 05 S600
 CLIENT ID:
 PAYMENT: CC: Visa

UNIT	MAKE/MODEL: Mercedes Benz 5.5L (M275) V-12 Twin	OIL TYPE & GRADE: Mobil 1 0W/40
	FUEL TYPE: Gasoline (Unleaded)	OIL USE INTERVAL: 4,945 Miles
	ADDITIONAL INFO:	

CLIENT	VIRGINIA BEACH,	PHONE:
		FAX:
		ALT PHONE:
		EMAIL:

COMMENTS
 This oil change was much shorter than the last - you must not be driving as much. If you changed the oil because more than a year had gone by, fear not! You don't have to go by the calendar at all. Oil doesn't go bad - the only reason it ever needs to be changed is because it collects metal and solids (and sometimes contaminants), and that stuff makes the oil not work as well. If all that is okay - which it is here - you can use the oil much longer than a year. The TBN is very strong & wear levels are great so feel free to go 10,000 miles next, even if it takes a while.

ELEMENTS IN PARTS PER MILLION	MI/HR on Oil	4,945	UNIT / LOCATION AVERAGES	10,145	4,388	6,504	9,186	8,946	UNIVERSAL AVERAGES
	MI/HR on Unit	99,910		94,965	84,831	80,443	73,939	64,753	
	Sample Date	8/7/2018		5/4/2017	5/20/2016	4/10/2015	5/26/2014	4/10/2013	
	Make Up Oil Added	0 qts		1 qt	0 qts	0 qts	0 qts	0 qts	
ALUMINUM	5	5	6	3	4	4	6	5	
CHROMIUM	0	0	0	0	0	1	0	0	
IRON	9	9	11	6	8	9	8	11	
COPPER	8	7	7	3	4	9	8	7	
LEAD	0	0	1	0	0	0	1	2	
TIN	0	1	0	1	0	0	3	1	
MOLYBDENUM	76	94	79	78	90	94	149	75	
NICKEL	0	0	0	0	0	0	0	0	
MANGANESE	1	1	1	0	1	2	1	1	
SILVER	0	0	0	0	0	0	0	0	
TITANIUM	0	0	0	0	0	0	0	0	
POTASSIUM	1	3	5	2	3	5	4	3	
BORON	158	119	109	142	147	96	63	109	
SILICON	6	6	6	6	7	4	5	7	
SODIUM	5	6	7	5	5	4	7	8	
CALCIUM	2759	2814	2788	2776	3426	2800	2333	2483	
MAGNESIUM	27	32	28	28	30	32	44	36	
PHOSPHORUS	894	889	862	790	943	902	942	868	
ZINC	972	1033	958	944	1150	1047	1127	990	
BARIUM	0	0	0	0	1	0	0	0	

Values Should Be*

PROPERTIES	65.1	63-76	66.1	68.2	64.6	70.6	64.6
SUS Viscosity @ 210°F	11.63	11.1-14.8	11.90	12.47	11.50	13.12	11.49
cSt Viscosity @ 100°C	415	>375	380	375	385	415	395
Flashpoint in °F	<0.5	<2.0	<0.5	TR	<0.5	<0.5	<0.5
Fuel %	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Antifreeze %	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Water %	0.2	<0.6	0.3	0.1	0.2	0.2	0.2
Insolubles %	4.0	>1.0	3.3	5.3	5.5	3.3	3.2
TBN							
TAN							
ISO Code							

* THIS COLUMN APPLIES ONLY TO THE CURRENT SAMPLE

416 E. PETTIT AVE. FORT WAYNE, IN 46806 (260) 744-2380 www.blackstone-labs.com