

UOA Comparison Sheet #1

Weight (Red = Average sample)	Amsoil TSO 0W-30	Amsoil ASL 5W-30	Amsoil 10W-30	Amsoil AMO 10W-40	Redline 10W-40	Mobil 7500 10W-30	Mobil 1 5W-30	Mobil 1 10W-30	Mobil 1 0W-40
Mileage	6,167	5,875	5,100	7,645	3,271	4,339	3,613	5,765	3,286
Oil Added	0	.25 qt	.25 qt	0	0	0	0	0	0
Aluminum	9	5	5	3	9	3	4	4	3
Chromium	2	3	0	1	1	1	2	1	1
Iron	15	13	8	10	5	14	14	16	12
Copper	8	5	3	28	7	7	7	8	4
Lead	5	30	6	2	12	11	8	12	3
Tin	0	3	0	0	2	1	1	1	1
Molybdenum	2	25	3	2	469	101	71	68	74
Nickel	0	0	0	0	1	0	0	0	0
Manganese	0	1	0	1	1	0	0	0	26
Silver	0	0	0	0	0	0	0	0	0
Titanium	0	0	0	0	0	0	0	0	0
Potassium	0	0	3	0	1	1	1	1	0
Boron	16	121	29	0	15	79	100	110	148
Silicon	14	8	15	10	13	14	13	14	10
Sodium	2	3	18	5	10	55	12	7	7
Calcium	3272	3001	1962	3954	3284	2705	2355	3049	2458
Magnesium	241	306	653	13	24	12	193	79	14
Phosphorus	1309	972	1282	1052	1230	739	743	803	895
Zinc	1309	1118	1261	1251	1527	897	869	962	962
Barium	0	0	0	0	0	0	0	0	0
Sustained or Kinematic Viscosity	13.4 @100 C	13.1 @100 C	11.7 @100 C	72.0 @210 F	78.6 @210 F	59.7 @210 F	59.0 @210 F	63.3 @210 F	69.1 @ 210 F
TBN	7.3	7.2	7.57	n/a	12.0	1.8	9.4	3.8	7.2

Havoline Oil Filter Application Guide

Léo Pomar

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