

Advanced Lubrication Technology, Inc. Index of Product Test Reports

d the tests and produced the reports listed below:

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|---------------------------------|--|
| A) Analysts, Inc. | G) Herguth Laboratories, Inc. |
| B) Argonne National Laboratory | H) Micromy AB |
| C) BNM Research | I) Union 76 Van Nuys, CA |
| D) Caleb Brett | J) Van Dyne Engineering |
| E) Contract Consultant Services | K) TECHNION - Israel Institute of Technology |
| F) Falex | |

Test: ATF ADDITIVE				
Date	Test ID	Test Name	Lab 1 ¹	Lab 2 ²
7/25/00	600717	ATF - Kawasaki Test for Adverse Clutch Friction	G	
9/30/99	600608	Falex Four Ball E.P (Model 18)	G	F
9/30/99	600608	Fire Point COC	G	F
9/30/99	600608	Flash Point COC	G	F
3/15/02	355	UNS 52986 disc on pin (5 in. radius, 50 N force @ 22 C, 83 mins.)	G	
9/30/99	600608	Viscosity @ 100 deg C	G	F
9/30/99	600608	Viscosity @ 40 deg C	G	F
9/30/99	600608	Viscosity Index	G	F

Test: ENGINE OIL ADDITIVE				
Date	Test ID	Test Name	Lab 1 ¹	Lab 2 ²
Nov 2006	2006667	Specific Fuel Consumption	K	
Nov 2006	2006667	Affects on NOx	K	
Nov 2006	2006667	Affects on Particulate Matter	K	
Fall 2001	Manuel	8% NaCl Corrosion Test	H	
11/6/02	719398	Acid Number	G	
11/6/02	719402	Acid Number	G	
8/19/02	Q70839	Acid Number, ASTM D664-89(mod)	G	
11/7/01	600909B	Anti-sludge forming characteristics	G	
11/6/02	719398	Base Number	G	
11/6/02	719402	Base Number	G	
7/27/96	454 CI Eng.	Brake Specific Fuel Consumption	J	
11/6/02	719398	Chlorine by Microcoulometry	G	
11/6/02	719402	Chlorine by Microcoulometry	G	
11/25/02	719548	Chlorine by Microcoulometry, HL-1168	G	
6/23/05	Kazmanli	Coefficient of Friction	B	
11/13/01	717258A	Electrical Contact Resistance Analysis - Speed of Coating	G	
3/1/02	Manuel	Engine Bench Test - HVA 346 2-cycle engine - Power	C	
3/1/02	Manuel	Engine Bench Test - HVA 346 2-cycle engine - Temperature	C	
11/8/01	600909C	Evaluation of False Positive FTIR Results for Glycol	G	
11/6/02	719398	Flash Point COC	G	
11/6/02	719402	Flash Point COC	G	
8/19/02	Q70839	Fourier-Trans. Infrared Scan HL-1140	G	
11/25/02	719548	Fourier-Trans. Infrared Scan HL-1141	G	
8/19/02	Q70839	Fuel Dilution by FT-IR	G	
8/19/02	Q70839	Glycol Level by FT-IR	G	
11/25/02	719548	Metals by I.C.P. Organic, HL-1158-3.3	G	
8/19/02	Q70839	Metals by I.C.P. Spectro, HL-1158	G	
7/30/01	716704	Mirco Evaluation of Debris in engine filter - Pass	G	
8/24/00	MSB2.PRN	Motor Silk undiluted	B	
8/19/02	Q70839	Nitration Level by FT-IR	G	
8/19/02	Q70839	Oxidation Level by FT-IR	G	
1st Qtr 2003	781,568 Mi.	Peterbuilt/Caterpillar 3406 - JD259486 Wear Metal Test	E	
1st Qtr 2003	797,483 Mi.	Peterbuilt/Caterpillar 3406 - JD259486 Wear Metal Test	E	
1st Qtr 2003	807,698 Mi.	Peterbuilt/Caterpillar 3406 - JD259486 Wear Metal Test	E	
2nd Qtr 2003	811,279 Mi.	Peterbuilt/Caterpillar 3406 - JD259486 Wear Metal Test	E	
2nd Qtr 2003	817,216 Mi.	Peterbuilt/Caterpillar 3406 - JD259486 Wear Metal Test	E	

Test: ENGINE OIL ADDITIVE (continued)

Date	Test ID	Test Name	Lab 1 ¹	Lab 2 ²
2nd Qtr 2003	831,431 Mi.	Peterbuilt/Caterpillar 3406 - JD259486 Wear Metal Test	E	
4th Qtr 2002	769,812 Mi.	Peterbuilt/Caterpillar 3406 - JD259486 Wear Metal Test	E	
11/6/02	719398	Pour Point	G	
11/6/02	719402	Pour Point	G	
11/6/02	719398	Rust Prevention Characteristics	G	
11/6/02	719402	Rust Prevention Characteristics	G	
8/17/99	48,946 Mi.	Smog Test - 1998 Volvo S70 T5	I	
7/10/00	74101 Mi.	Smog Test - 1998 Volvo S70 T5	I	
12/24/02	137,309 Mi.	Smog Test - 1998 Volvo S70 T5	I	
7/22/96	454 CI Eng.	Smog Test: CO, CO2, & HC	J	
7/23/96	454 CI Eng.	Smog Test: CO, CO2, & HC	J	
7/27/96	454 CI Eng.	Smog Test: CO, CO2, & HC	J	
11/7/01	600909A	Solvency Test/Varnish Removal	G	
11/6/02	719398	Sulfur, X-Ray Fluorescence	G	
11/6/02	719402	Sulfur, X-Ray Fluorescence	G	
7/27/96	454 CI Eng.	Torque Specific Fuel Consumption	J	
8/19/02	Q70839	Total Base Number, ASTM D664 (mod)	G	
11/6/02	719398	Viscosity @ 100 deg C	G	
11/6/02	719402	Viscosity @ 100 deg C	G	
11/6/02	719398	Viscosity @ 40 deg C	G	
11/6/02	719402	Viscosity @ 40 deg C	G	
11/6/02	719398	Viscosity Index	G	
11/6/02	719402	Viscosity Index	G	
8/19/02	Q70839	Viscosity@100 deg C, ASTM D445(mod)	G	
8/19/02	Q70839	Water Level by FT-IR	G	
11/5/98	710684	Wear by Pin-On-Disc, ASTM G99-95	G	
1/13/99	711143	Wear by Pin-On-Disc, ASTM G99-95	G	
2/4/99	711263	Wear by Pin-On-Disc, ASTM G99-95	G	
2/4/99	711264	Wear by Pin-On-Disc, ASTM G99-95	G	
1/14/02	717634	Wear by Pin-On-Disc, ASTM G99-95	G	
11/6/02	719398	Wear by Pin-On-Disk	G	
11/6/02	719402	Wear by Pin-On-Disk	G	
7/18/96	PE6-07-163	Wear Metals - 1986 350 CI Corvette Engine	D	
6/14/96	6,871	Wear Metals - 1986 Corvette 454	A	
7/22/96	4,910	Wear Metals - 1986 Corvette 454	A	
8/6/96	5,199	Wear Metals - 1986 Corvette 454	A	
10/14/01	Q22703	Wear Metals - 1995 525 I BMW	G	
1/9/02	Q35839	Wear Metals - 1995 525 I BMW	G	
4/2/02	Q48693	Wear Metals - 1995 525 I BMW	G	
5/10/02	Q55970	Wear Metals - 1995 525 I BMW	G	
6/27/02	Q64111	Wear Metals - 1995 525 I BMW	G	
9/2/02	Q72788	Wear Metals - 1995 525 I BMW	G	
10/24/02	Q81843	Wear Metals - 1995 525 I BMW	G	
1/5/03	Q91812	Wear Metals - 1995 525 I BMW	G	
3/25/03	R15291	Wear Metals - 1995 525 I BMW	G	
6/4/03	R29356	Wear Metals - 1995 525 I BMW	G	
5/6/98	N60665	Wear Metals - 1998 AUDI A8	G	
10/20/98	N44126	Wear Metals - 1998 AUDI A8	G	
10/19/00	P55104	Wear Metals - 1998 AUDI A8	G	
5/29/01	P89528	Wear Metals - 1998 AUDI A8	G	
6/6/01	P90866	Wear Metals - 1998 AUDI A8	G	
1/24/02	Q37789	Wear Metals - 1998 AUDI A8	G	
10/21/98	N44127	Wear Metals - 1998 Volvo S70 T5	G	
1/11/99	N50782	Wear Metals - 1998 Volvo S70 T5	G	
3/9/99	N55589	Wear Metals - 1998 Volvo S70 T5	G	

Test: ENGINE OIL ADDITIVE (continued)

Date	Test ID	Test Name	Lab 1 ¹	Lab 2 ²
5/12/99	N61145	Wear Metals - 1998 Volvo S70 T5	G	
8/2/99	N68325	Wear Metals - 1998 Volvo S70 T5	G	
9/28/99	N74415	Wear Metals - 1998 Volvo S70 T5	G	
4/3/00	P24393	Wear Metals - 1998 Volvo S70 T5	G	
6/12/00	P34457	Wear Metals - 1998 Volvo S70 T5	G	
8/10/00	P43863	Wear Metals - 1998 Volvo S70 T5	G	
10/6/00	P53254	Wear Metals - 1998 Volvo S70 T5	G	
1/2/01	P66191	Wear Metals - 1998 Volvo S70 T5	G	
2/14/01	P72638	Wear Metals - 1998 Volvo S70 T5	G	
4/18/01	P82512	Wear Metals - 1998 Volvo S70 T5	G	
6/28/01	P94814	Wear Metals - 1998 Volvo S70 T5	G	
10/30/01	Q25442	Wear Metals - 1998 Volvo S70 T5	G	
12/26/01	Q33440	Wear Metals - 1998 Volvo S70 T5	G	
4/2/02	Q48695	Wear Metals - 1998 Volvo S70 T5	G	
9/2/02	Q72787	Wear Metals - 1998 Volvo S70 T5	G	
12/15/02	Q88947	Wear Metals - 1998 Volvo S70 T5	G	
4/21/03	R20295	Wear Metals - 1998 Volvo S70 T5	G	
11/27/01	Q29499	Wear Metals - 2002 Chevrolet Tahoe	G	
4/22/02	Q52090	Wear Metals - 2002 Chevrolet Tahoe	G	
4/22/02	Q52090	Wear Metals - 2002 Chevrolet Tahoe	G	
11/12/02	Q84205	Wear Metals - 2003 Acura MDX	G	
6/4/03	Q29355	Wear Metals - 2003 Acura MDX	G	

Test: FUEL ADDITIVE

Date	Test ID	Test Name	Lab 1 ¹	Lab 2 ²
Nov 2006	2006667	Specific Fuel Consumption	K	
Nov 2006	2006667	Affects on NOx	K	
Nov 2006	2006667	Affects on Particulate Matter	K	
Nov 2006	2006667	Affects on Particulate Cetane rating	K	
12/1/01	Tribolator	100 x Photomicrograph - Pin on Disc	H	
5/13/02	718373	50x Photomicrograph of Wear Scars	G	
2/28/03	601022	API Gravity @ 60 Deg. F	G	
2/26/03	601022	API Gravity @ 60 Deg. F, ASTM D0287-2.1	G	
2/28/03	601022	Ash	G	
2/26/03	601022	Ash, ASTM D482/0482-2.3	G	
12/7/00	n/a	Ball on Three Disks (19S)	F	
12/20/00	00-203	Ball on Three Disks (19S)	F	
3/14/03	601022	Ball on Three Disks (19S)	G	F
5/22/01	716389	Boron by I.C.P., HL-1158-3.3	G	
2/28/03	601022	Cetane Index	G	
2/26/03	601022	Cetane Index, ASTM D976/0976-1.2	G	
2/28/03	601022	Cloud point	G	
2/26/03	601022	Cloud point, ASTM D2500/2500-1.3	G	
11/4/02	719259	Copper Corrosion @ 50 Deg. C	G	
2/28/03	601022	Copper Corrosion @ 50 Deg. C	G	
2/26/03	601022	Copper Corrosion @ 50 Deg. C, ASTM D130/0130-3.2 in 3 hours	G	
11/4/02	719260	Copper Corrosion, ASTM D130(Alt)	G	
11/5/02	718444A	Copper Corrosion, ASTM D130(Alt)	G	
2/28/03	601022	Distillation of Petroleum	G	
2/26/03	601022	Distillation of Petroleum, ASTM D86	G	
8/13/99	712539	Distillation of Petroleum, ASTM D86-96	G	
1/18/01	600763	Dupont Oxidation Stability Test	G	
3/2/02	Volvo Penta MD1	Engine Bench Test	C	
2/28/03	601022	Flash Point	G	
2/26/03	601022	Flash Point, ASTM D93/0093-1.5 in Deg. C	G	
8/13/99	712539	Fourier-Trans. Infrared Scan HL-1141	G	
10/4/02	719182	Fourier-Trans. Infrared Scan HL-1141	G	
11/5/02	719446	Fourier-Trans. Infrared Scan HL-1141	G	

Test: FUEL ADDITIVE (continued)

Date	Test ID	Test Name	Lab 1 ¹	Lab 2 ²
1/15/03	719804	Fourier-Trans. Infrared Scan HL-1141	G	
12/1/01	Tribolator	Metal Wear Test and Coefficient of Friction	H	
11/5/02	718444A	Metals by I.C.P. Aqueous, 1976-3.1	G	
1/15/03	719804	Metals by I.C.P. Aqueous, 1976-3.1	G	
5/13/02	718373	Metals by I.C.P. Aqueous, HL -1158-A2.3	G	
2/26/03	601022	Metals by I.C.P. Aqueous, HL-1976	G	
10/4/02	719182	Metals by I.C.P. Organic, HL-1158-3.3	G	
8/13/99	712539	Metals by I.C.P. Spectro, HL-1158	G	
8/7/00	714659	Metals by I.C.P. Spectro, HL-1158	G	
10/4/02	719182	Microscopic Evaluation of Debris 1196-1.0	G	
2/28/03	601022	Oxidation Stability	G	
11/4/02	719260	Oxidation Stability, ASTM D2274	G	
11/5/02	718444A	Oxidation Stability, ASTM D2274	G	
2/26/03	601022	Oxidation Stability, ASTM D2274/2274-1.2	G	
2/28/03	601022	Ramsbottom Carbon 10% Residual	G	
2/26/03	601022	Ramsbottom Carbon 10% Residual, ASTM D524/0524-2.3	G	
3/30/01	716030	Rust Prevention Char., ASTM D665-99 A	G	
6/13/02	718503	Rust Prevention Char., ASTM D665-99 A	G	
2/28/03	601022	Sediment and Water	G	
2/26/03	601022	Sediment and Water, ASTM D1796/1796-1.3	G	
12/7/00	n/a	Std. Pin on Disk - <50 ppm Low Sulfur Diesel	F	
2/28/03	601022	Sulfur, X-Ray Fluorescence	G	
2/26/03	601022	Sulfur, X-Ray Fluorescence, ASTM D4294/4294-2.6	G	
2/28/03	601022	Viscosity @ 40 Deg. C	G	
2/26/03	601022	Viscosity @ 40 Deg. C, ASTM D445/0445A-1.6 in cSt	G	
3/1/02	Tribolator	Volvo Penta MD1 - CLS Bond Product has not PTFE or ZDDP	C	
3/1/02	Tribolator	Volvo Penta MD1 - CLS Bond Products Do Not Clog Filters	C	
3/1/02	Tribolator	Volvo Penta MD1 - CLS Bond Products Not Aggressive vs Metals	C	
3/1/02	Tribolator	Volvo Penta MD1 - Increased Torque	C	
3/1/02	Tribolator	Volvo Penta MD1 - Reduced Fuel Consumption	C	
3/1/02	Tribolator	Volvo Penta MD1 - Reduced Hydro Carbon Emissions	C	
3/1/02	Tribolator	Volvo Penta MD1 - Reduced Residues	C	
3/1/02	Tribolator	Volvo Penta MD1 - Reduced Wear Metals by 70%	C	
5/13/02	718373	Wear by Pin-on-Disc, ASTM G99-95	G	
6/13/02 3/2/02	718503 n/a	Wear by Pin-on-Disc, ASTM G99-95	G	H

Test: GEAR OIL ADDITIVE

Date	Test ID	Test Name	Lab 1 ¹	Lab 2 ²
9/30/99	600609	Falex Four Ball E.P (Model 18)	G	F
9/30/99	600609	Viscosity @ 100 deg C	G	F
9/30/99	600609	Viscosity @ 40 deg C	G	F
9/30/99	600609	Viscosity Index	G	F

Test: GREASE

Date	Test ID	Test Name	Lab 1 ¹	Lab 2 ²
10/12/98		100x Photomicrograph of Wear Scars	G	
7/2/98		50x Photomicrograph of Wear Scars	G	
1/23/96		65 hour Pin on Disc 50 N Speed:0.006 m/s @ 23 C	B	
1/27/98	620024	Appearance, HL-1145(1.1)	G	
1/27/98	620025	Appearance, HL-1145(1.1)	G	
1/27/98	620026	Appearance, HL-1145(1.1)	G	
1/27/98	620027	Appearance, HL-1145(1.1)	G	

Test: GREASE (continued)

Date	Test ID	Test Name	Lab 1¹	Lab 2²
1/27/98	620023	Auger Electron Spectroscopy Analysis of wear	G	
6/29/00	714424	C(f) ASTM G99-95	G	
4/3/00	G18FD1	c(F) Gray Cast Iron on 440C Steel Pin 2,300 meters	B	
4/3/00	G18FD1	c(F) Gray Cast Iron on 440C Steel Pin 2,300 meters Hi Res	B	
4/3/00	G18FD1	c(F) Gray Cast Iron on 440C Steel Pin 20 meters	B	
3/23/00	713930C	Cone Penetration ASTM D1403-96	G	
3/24/00	713931C	Cone Penetration ASTM D1403-96	G	
9/29/98	710448	Corrosion Properties ASTM D1743-94	G	
3/4/99	711443A	Corrosion Properties ASTM D1743-94	G	
3/28/99	711637	Corrosion Properties ASTM D1743-94	G	
11/16/99	713112	Corrosion Properties ASTM D1743-94	G	
7/9/98	710071	Corrosion Properties, ASTM D1743-94	G	
7/9/98	710072	Corrosion Properties, ASTM D1743-94	G	
7/9/98	710073	Corrosion Properties, ASTM D1743-94	G	
7/9/98	710074	Corrosion Properties, ASTM D1743-94	G	
7/9/98	710075	Corrosion Properties, ASTM D1743-94	G	
7/9/98	710076	Corrosion Properties, ASTM D1743-94	G	
8/17/98	710437A	Corrosion Properties, ASTM D1743-94	G	
3/23/00	713930C	Corrosion Properties, ASTM D1743-94	G	
3/24/00	713931C	Corrosion Properties, ASTM D1743-94	G	
3/23/00	713930C	Dropping Point, ASTM D2265-94a	G	
3/24/00	713931C	Dropping Point, ASTM D2265-94a	G	
3/23/00	713930C	EP Properties (Four Ball), ASTM D2596-1.1	G	
3/24/00	713931C	EP Properties (Four Ball), ASTM D2596-1.1	G	
7/16/97	0105069	Falex Block on Ring (Model 1)	F	
7/15/97	0202061	Falex Timken (Model 2)	F	
7/15/97	1804112	Four Ball EP (Model 18)	F	
3/23/00	713930C	Four Ball Wear of Grease, ASTM D2266-91	G	
3/24/00	713931C	Four Ball Wear of Grease, ASTM D2266-91	G	
1/27/98	620024	Fourier-Trans. Infrared Scan HL-1141	G	
1/27/98	620025	Fourier-Trans. Infrared Scan HL-1141	G	
1/27/98	620026	Fourier-Trans. Infrared Scan HL-1141	G	
1/27/98	620027	Fourier-Trans. Infrared Scan HL-1141	G	
3/23/00	713930C	Fourier-Trans. Infrared Scan HL-1141	G	
3/24/00	713931C	Fourier-Trans. Infrared Scan HL-1141	G	
10/10/02	600965	Johnson Bearing Swell Test	G	
11/6/02	719367	Johnson Bearing Swell Test	G	
11/6/02	719368	Johnson Bearing Swell Test	G	
1/27/98	620024	Metals by I.C.P. Aqueous, HL-1158A(2.1)	G	
1/27/98	620025	Metals by I.C.P. Aqueous, HL-1158A(2.1)	G	
1/27/98	620026	Metals by I.C.P. Aqueous, HL-1158A(2.1)	G	
1/27/98	620027	Metals by I.C.P. Aqueous, HL-1158A(2.1)	G	
1/27/98	620024	Metals by I.C.P. Spectro, HL-1158	G	
1/27/98	620025	Metals by I.C.P. Spectro, HL-1158	G	
1/27/98	620026	Metals by I.C.P. Spectro, HL-1158	G	
1/27/98	620027	Metals by I.C.P. Spectro, HL-1158	G	
3/23/00	713930C	Metals by I.C.P. Spectro, HL-1158	G	
3/24/00	713931C	Metals by I.C.P. Spectro, HL-1158	G	
1/27/98	620024	Microwave Digestion (Prep.) HL-1164 (1.1)	G	
1/27/98	620025	Microwave Digestion (Prep.) HL-1164 (1.1)	G	
1/27/98	620026	Microwave Digestion (Prep.) HL-1164 (1.1)	G	
1/27/98	620027	Microwave Digestion (Prep.) HL-1164 (1.1)	G	
3/24/99	711584	Non-reactive grease Std 83 min test run	G	
Oct 1998	710729A	Non-reactive grease Std 83 min test run	G	
3/24/99	711583	Non-reactive grease w/BA Std 83 min test run	G	

Test: GREASE (continued)

Date	Test ID	Test Name	Lab 1¹	Lab 2²
Oct 1998	710665A	Non-reactive grease w/BA Std 83 min test run	G	
3/23/00	713930C	Oxidation Stability of Grease, ASTM D942-90	G	
3/24/00	713931C	Oxidation Stability of Grease, ASTM D942-90	G	
1/27/98	620024	Particulate Contam. Of Grease, HL-1178(1.2)	G	
1/27/98	620025	Particulate Contam. Of Grease, HL-1178(1.2)	G	
1/27/98	620026	Particulate Contam. Of Grease, HL-1178(1.2)	G	
1/27/98	620027	Particulate Contam. Of Grease, HL-1178(1.2)	G	
3/23/00	713930C	Penetration 10,000 strokes, ASTM D217-97	G	
3/24/00	713931C	Penetration 10,000 strokes, ASTM D217-97	G	
3/23/00	713930C	Penetration 100,000 strokes, ASTM D217-97	G	
3/24/00	713931C	Penetration 100,000 strokes, ASTM D217-97	G	
1/27/98	620024	Penetration@25C ASTM D1403-91	G	
1/27/98	620025	Penetration@25C ASTM D1403-91	G	
1/27/98	620026	Penetration@25C ASTM D1403-91	G	
1/27/98	620027	Penetration@25C ASTM D1403-91	G	
8/28/01	716870B	Pin-on-Disc ASTM G99-95	G	
9/12/01	716930A	Pin-on-Disc ASTM G99-95	G	
1/23/96	None	Pin-on-Disc Load: 50 N, Speed: 0.006 m/s, Temp: 23 C	B	
1/23/96	None	Pin-on-Disc Load: 50 N, Speed: 0.006 m/s, Temp: 23 C	B	
1/23/96	Erdemir	Pin-on-Disc Load: 50 N, Speed: 0.006 m/s, Temp: 23 C	B	
9/2/98	600530	Rapid Rust Screening Method ASTM D1743	G	
3/23/00	713930C	Separation from Grease, ASTM D1742-94	G	
3/24/00	713931C	Separation from Grease, ASTM D1742-94	G	
Fall 2001	Manuel	Synthetic #2 Grease w/BA Four Week Corrosion test	H	
Oct 1998	238	Synthetic EP Grease Std 83 min test run	G	
9/11/00	714819	TIMKEN EP - ASTM D2509	G	
6/9/00	ARM	TIMKEN EP - ASTM D2509 - 90+ Ok Load, No Scar rating	G	
8/23/00	714730	TIMKEN EP - ASTM D2509 - Base grease	G	
9/27/01	717052	Timken EP - Oil ASTM D2782	G	
8/28/01	716870B	Water Washout ASTM D1264-96	G	
3/23/00	713930C	Water Washout of Grease, ASTM D1264-96	G	
3/24/00	713931C	Water Washout of Grease, ASTM D1264-96	G	
7/9/98	710071	Wear by Pin-On-Disc, ASTM G99-95	G	
7/9/98	710072	Wear by Pin-On-Disc, ASTM G99-95	G	
7/9/98	710073	Wear by Pin-On-Disc, ASTM G99-95	G	
7/9/98	710074	Wear by Pin-On-Disc, ASTM G99-95	G	
7/9/98	710075	Wear by Pin-On-Disc, ASTM G99-95	G	
7/9/98	710076	Wear by Pin-On-Disc, ASTM G99-95	G	
8/17/98	710437A	Wear by Pin-On-Disc, ASTM G99-95	G	
9/29/98	710448	Wear by Pin-On-Disc, ASTM G99-95	G	
11/3/98	710750	Wear by Pin-On-Disc, ASTM G99-95	G	
3/4/99	711443A	Wear by Pin-On-Disc, ASTM G99-95	G	
3/16/99	711791	Wear by Pin-On-Disc, ASTM G99-95	G	
3/28/99	711637	Wear by Pin-On-Disc, ASTM G99-95	G	
3/28/99	711638	Wear by Pin-On-Disc, ASTM G99-95	G	
3/28/99	n/a	Wear by Pin-On-Disc, ASTM G99-95	G	
4/12/99	711790	Wear by Pin-On-Disc, ASTM G99-95	G	
4/12/99	711791	Wear by Pin-On-Disc, ASTM G99-95	G	
11/16/99	713112	Wear by Pin-On-Disc, ASTM G99-95	G	
3/23/00	713930C	Wear by Pin-On-Disc, ASTM G99-95	G	
3/24/00	713931C	Wear by Pin-On-Disc, ASTM G99-95	G	
7/18/01	716690	Wear by Pin-On-Disc, ASTM G99-95	G	
9/3/01	716923	Wear by Pin-On-Disc, ASTM G99-95	G	
Oct 1998	710668	Wear by Pin-On-Disc, ASTM G99-95	G	
Oct 1998	710669	Wear by Pin-On-Disc, ASTM G99-95	G	

Test: BORIC ACID TECHNOLOGY

Date	Test ID	Test Name	Lab 1 ¹	Lab 2 ²
12/4/00	Erdemir	Pin-on-Disc Load: 20 N, Speed: 0.01 m/s, Temp: 23 C	B	
1/1/98	Kazmanli	Pin-on-Disc Load: 5 N, Speed: 0.01 m/s, Temp: 22 C	B	

Test: THIRD PARTY PRODUCTS

Date	Test ID	Test Name	Lab 1 ¹	Lab 2 ²
5/13/02	718376	50x Photomicrograph of Wear Scars	G	
5/13/02	718377	50x Photomicrograph of Wear Scars	G	
5/13/02	718378	50x Photomicrograph of Wear Scars	G	
5/13/02	718378	Chlorine by Microcoulometry, HL-1168	G	
5/13/02	718377	Chlorine by Microcoulometry, HL-1168	G	
5/13/02	718376	Chlorine by Microcoulometry, HL-1168	G	
8/12/02	718884	Chlorine by Microcoulometry, HL-1168	G	
8/12/02	718883	Chlorine by Microcoulometry, HL-1168	G	
8/12/02	718884	Fourier-Trans. Infrared Scan HL-1141	G	
8/12/02	718883	Fourier-Trans. Infrared Scan HL-1141	G	
5/23/02	718430	Fourier-Trans. Infrared Scan HL-1141-2.0	G	
6/12/02	718504	Metals by I.C.P. Aqueous, HL-1158A(2.1)	G	
5/13/02	718378	Metals by I.C.P. Organic, HL-1158	G	
5/13/02	718377	Metals by I.C.P. Organic, HL-1158	G	
5/13/02	718376	Metals by I.C.P. Organic, HL-1158	G	
5/23/02	718430	Metals by I.C.P. Organic, HL-1158	G	
6/12/02	718504	Metals by I.C.P. Organic, HL-1158	G	
8/12/02	718884	Metals by I.C.P. Organic, HL-1158	G	
8/12/02	718883	Metals by I.C.P. Organic, HL-1158	G	
8/17/01	716796	Metals by I.C.P. Spectro, HL-1158	G	
8/17/01	716796	Potassium by ICP, HL-1158	G	
5/23/02	718430	SIMDIS (Simulated Distillation) HL-1197-1.0	G	
8/12/02	718884	Sulfur by Microcoul., ASTM D3120-96(mod)	G	
8/12/02	718883	Sulfur by Microcoul., ASTM D3120-96(mod)	G	
5/13/02	718378	Wear by Pin-On-Disc, ASTM G99-95	G	
5/13/02	718377	Wear by Pin-On-Disc, ASTM G99-95	G	
5/13/02	718376	Wear by Pin-On-Disc, ASTM G99-95	G	

Notes: 1 This column displays the primary or the only lab to perform the test.

2 If a second lab performed the test, it is indicated in this column.