



MEMORANDUM: 26-016

DATE: August 22, 2026

TO: ASTM D02.B07 Filtration (EOFT/EOWT) Surveillance Panel

FROM:

John G. Loop

SUBJECT: Acceptance of Reference Oil 88

ASTM D02.B07 Filtration (EOFT/EOWT) Surveillance Panel voted to accept Reference Oil 88 for calibration testing of ASTM D 6795 (EOFT). Reference Oil 88 round robin matrix data, test targets, and acceptance bands are shown below.

The panel also voted to suspend assigning Reference Oil 79 to EOFT calibration tests so that the remaining volume of Reference Oil 79 would be available for calibration testing of ASTM D 6794 (EOWT).

The panel voted to make these calibration procedure changes effective August 21, 2026.

<https://www.astmtmc.org/ftp/docs/bench/EOFT/memos/mem26-016.pdf>

c: J.A. Clark, TMC
S.A. Moyer, TMC
B07 Section Mailing List



ASTM D 6794 (EOFT) Round Robin Testing with Reference Oil 88

LAB	COUNT	TESTKEY	CIF1	CIF2	CIFA
1	1	206096	3.40	7.09	5.245
	2	206097	6.00	3.09	4.545
	3	206098	0.86	6.64	3.750
2	4	206064	6.50	2.06	4.280
	5	206065	4.59	10.00	7.295
	6	206066	9.23	8.05	8.640
3	7	206056	15.97	13.14	14.555
	8	206057	12.53	12.81	12.670
	9	206058	13.56	14.08	13.820
4	10	206092	12.72	12.98	12.850
	11	206093	14.18	14.21	14.195
	12	206094	18.95	19.24	19.095
5	13	206152	2.66	2.25	2.455
	14	206153	1.88	0.00	0.940
	15	206154	1.13	2.76	1.945
6	16	206148	7.84	7.41	7.625
	17	206149	7.14	9.43	8.285
	18	206150	3.70	7.02	5.360
	19	206151	8.77	9.62	9.195

Reference Oil 88 Target Mean ($\bar{x}$)	8.250
Reference Oil 88 Standard Deviation (s)	5.059
Number of Observations (n)	19
Reference Oil 88 Acceptance Band Minimum	-1.66
Reference Oil 88 Acceptance Band Maximum	18.16