

VIB vis grades other than 0W-20, 5W-20, 0W-30, or 5W-30 - Report Period: APR 2009
Replicate Database Report

1

Components of Replicate Database	APR 2009	All Periods
Number of Tests	.	13
Formulations	.	6
Labs	.	5
Stands	.	10

***VIB vis grades other than 0W-20, 5W-20, 0W-30, or 5W-30 - Report Period: APR 2009
by-Formulation Pooled s and Reproducibility of Replicate Data***

2

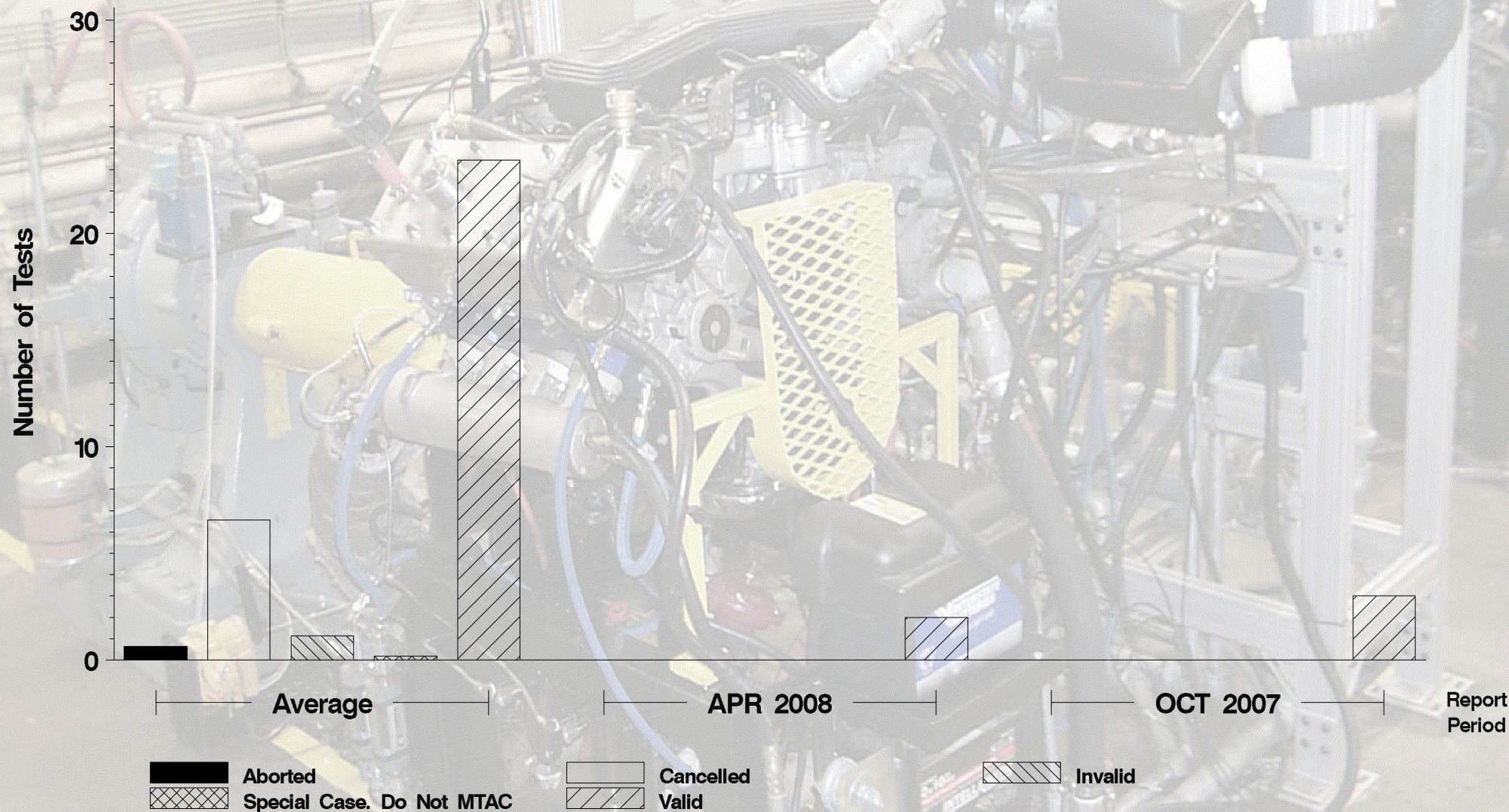
Report Period	Parameter	Degrees of Freedom	Pooled s	R
All	FEI1	7	0.32256	0.90316
All	FEI2	7	0.51601	1.44483
All	FEI1 (Without SA)	7	0.26709	0.74786
All	FEI2 (Without SA)	7	0.56664	1.58659

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Pass/Fail

Report Period	API Category	N	Number Passed	% Passed
All	All Categories, All Parameters	375	91	24.2667
All	GF-4 - All Parameters	375	91	24.2667
All	GF-4, FEI1	375	217	57.8667
All	GF-4, FEI1 (Without SA)	375	207	55.2000
All	GF-4, FEI2	375	114	30.4000
All	GF-4, FEI2 (Without SA)	375	119	31.7333
All	SL - All Parameters	375	192	51.2000
All	SL, FEI1	375	303	80.8000
All	SL, FEI1 (Without SA)	375	289	77.0667
All	SL, FEI2	375	211	56.2667
All	SL, FEI2 (Without SA)	375	209	55.7333

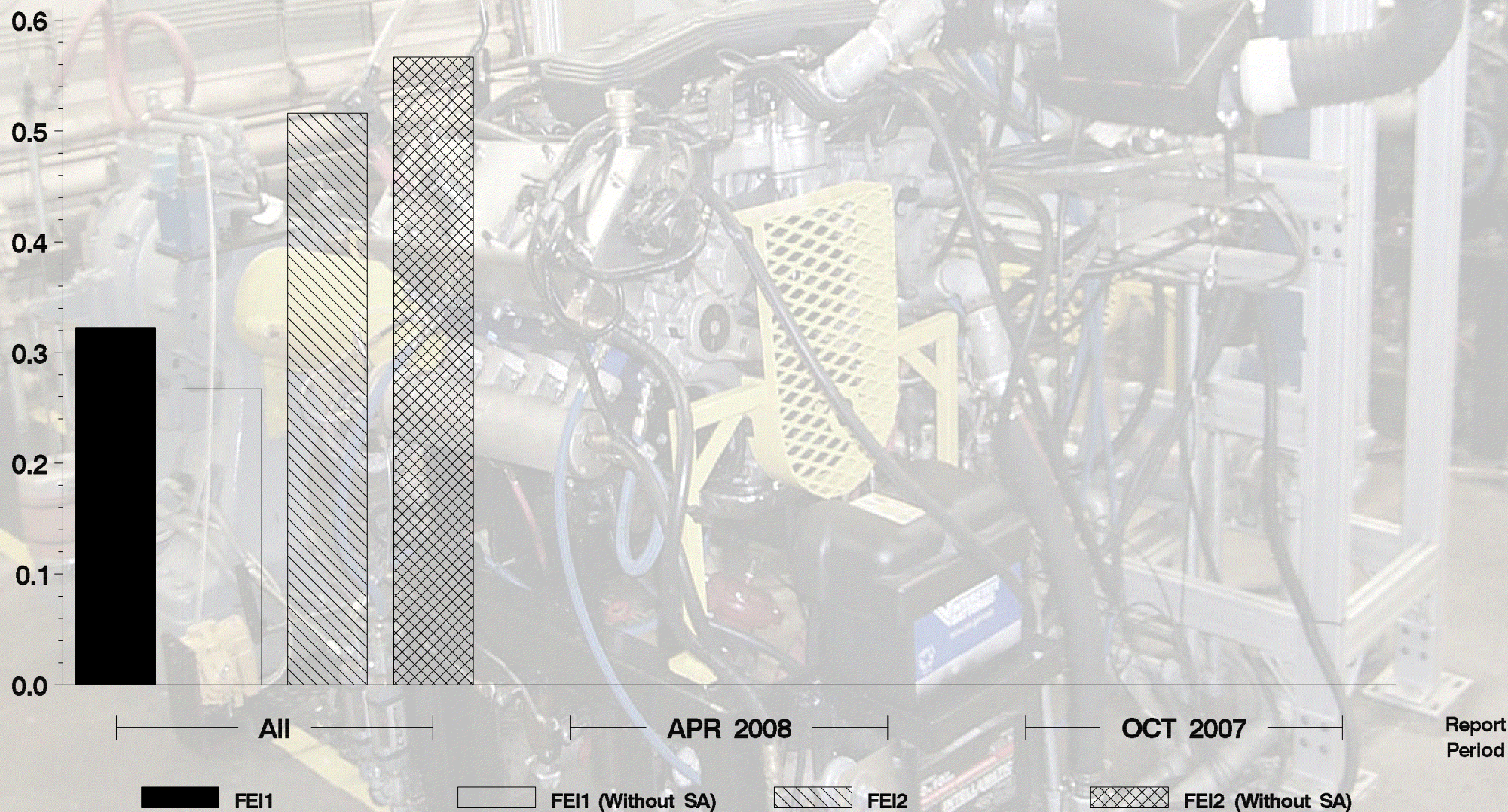
VIB vis grades other than 0W—20, 5W—20, 0W—30, or 5W—30

Status of Reported Tests



VIB vis grades other than 0W-20, 5W-20, 0W-30, or 5W-30

Candidate Precision as Represented by Pooled S



VIB vis grades other than 0W-20, 5W-20, 0W-30, or 5W-30

Candidate Precision as Represented by Pooled S

