



Oronite

Mack T-12 Industry Correction Factors

Jim Rutherford 08/26/2014









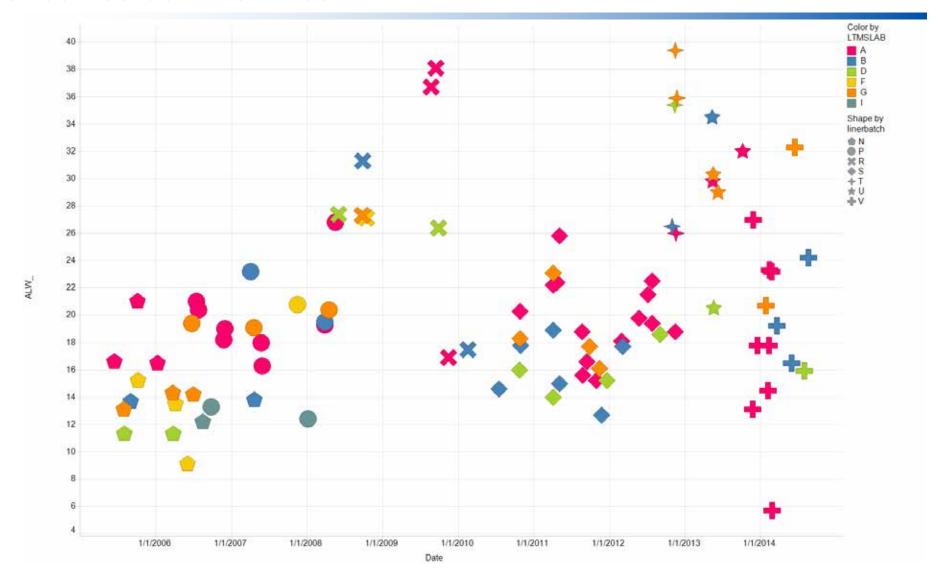
Overview

- o First pass 8/15 with 91 tests
- Second pass 8/18 with 89 tests
- o Third pass 8/25 with 90 tests
- 90th test used 821-4. For the purposes of this analysis, treated as though it were 821-3.





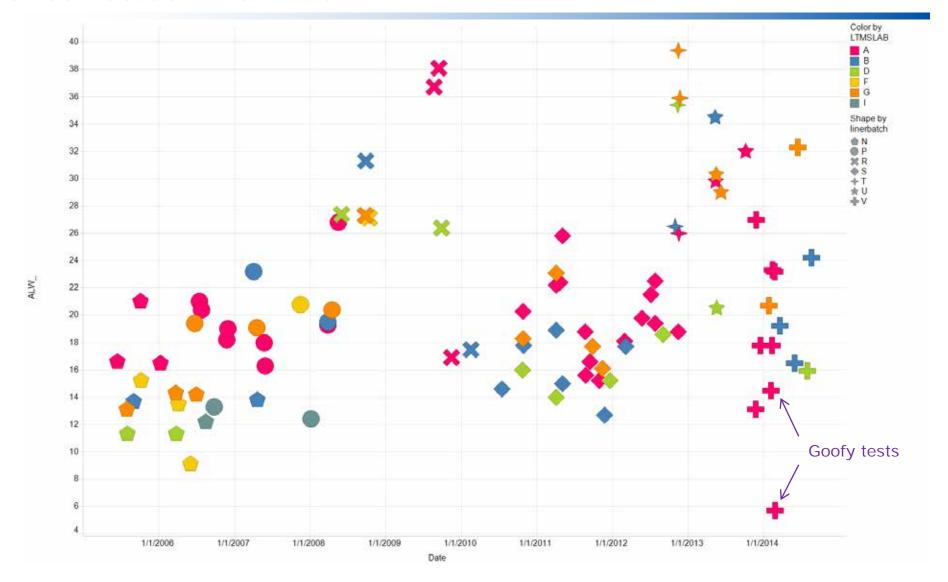
Uncorrected Liner Wear







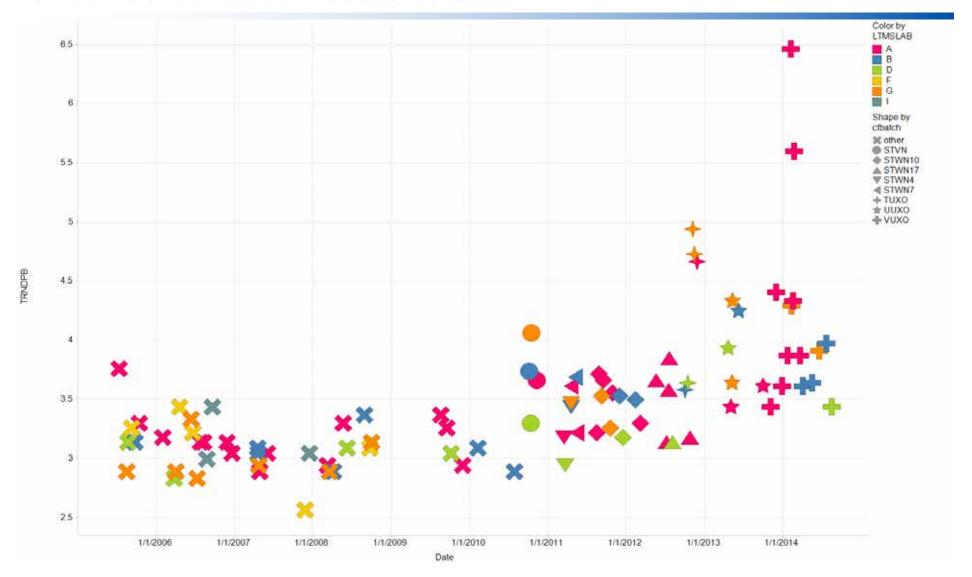
Uncorrected Liner Wear







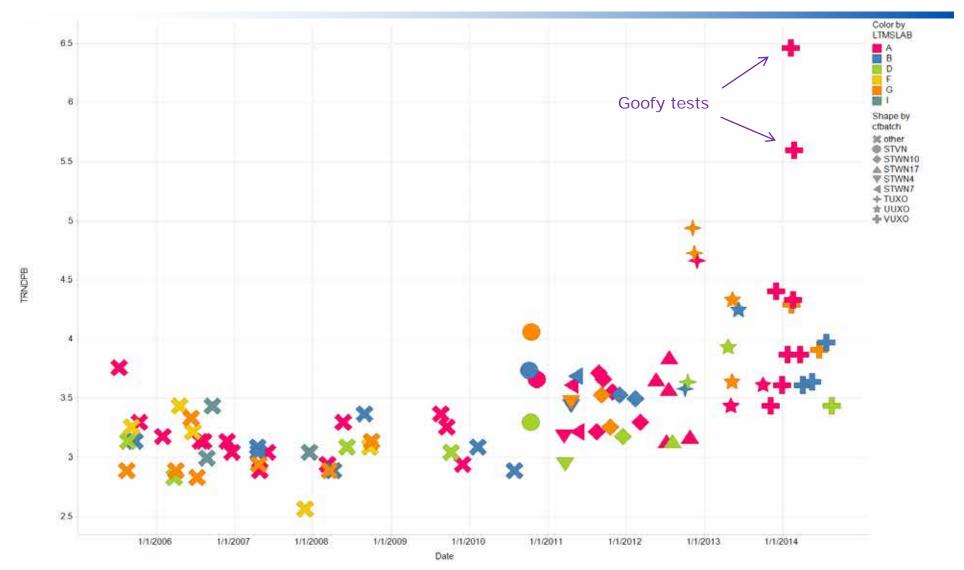
Uncorrected Delta Lead 0 to 300







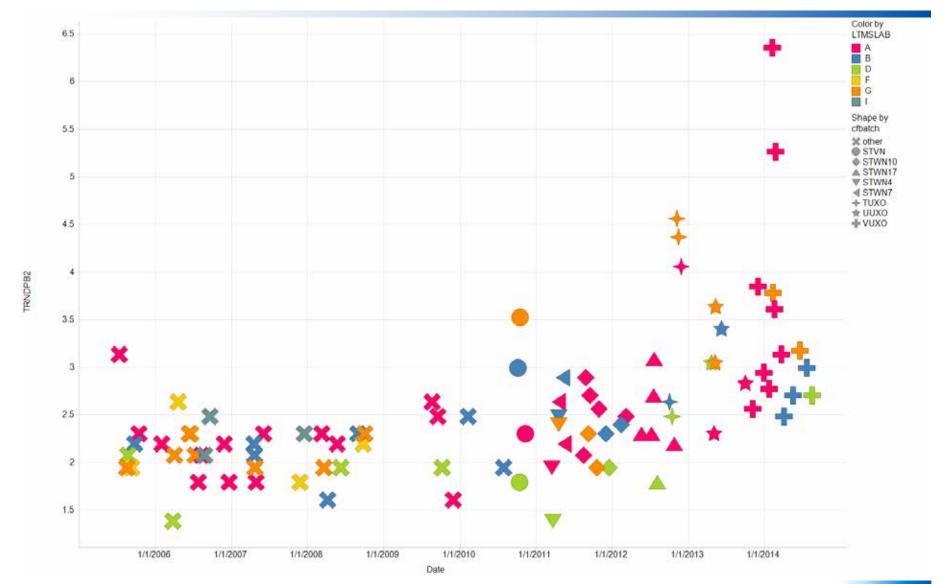
Uncorrected Delta Lead 0 to 300







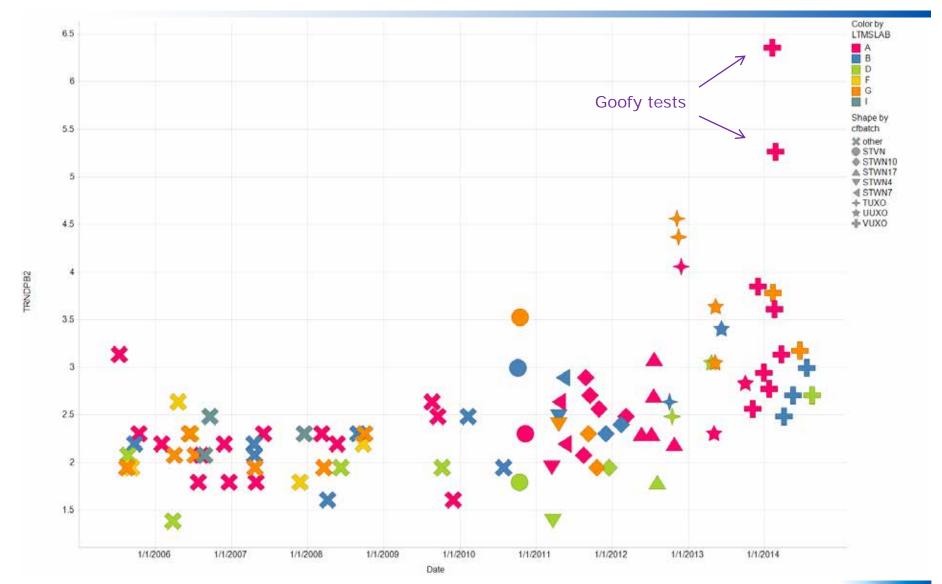
Uncorrected Delta Lead 250 to 300







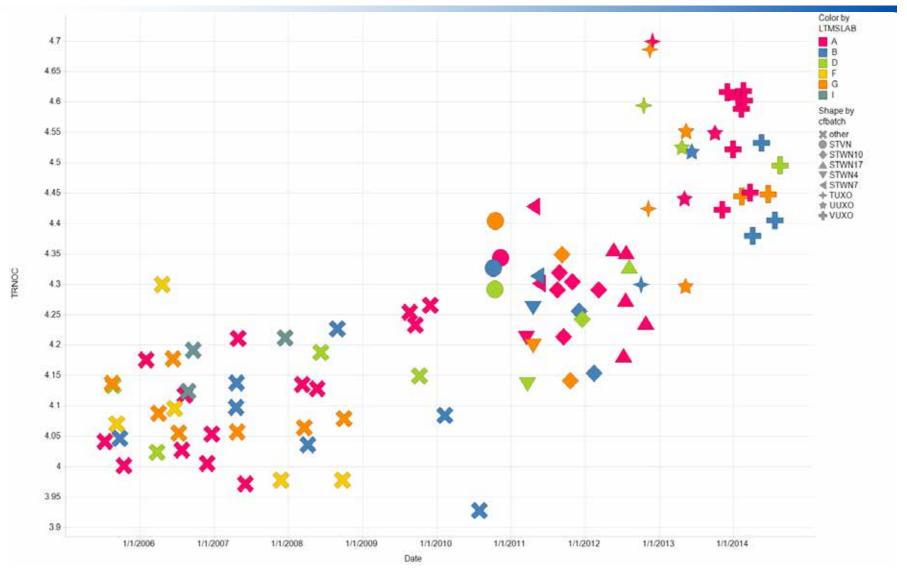
Uncorrected Delta Lead 250 to 300







Uncorrected Oil Consumption

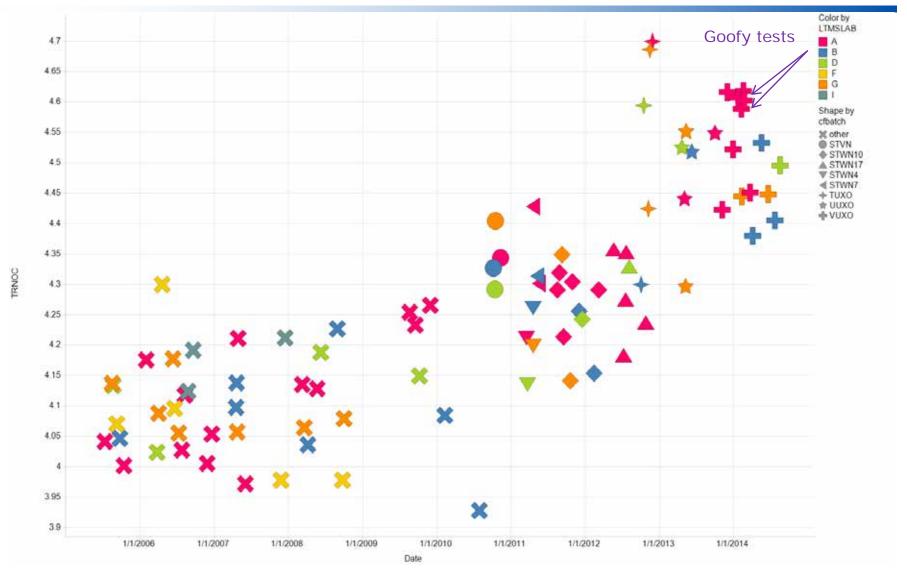








Uncorrected Oil Consumption







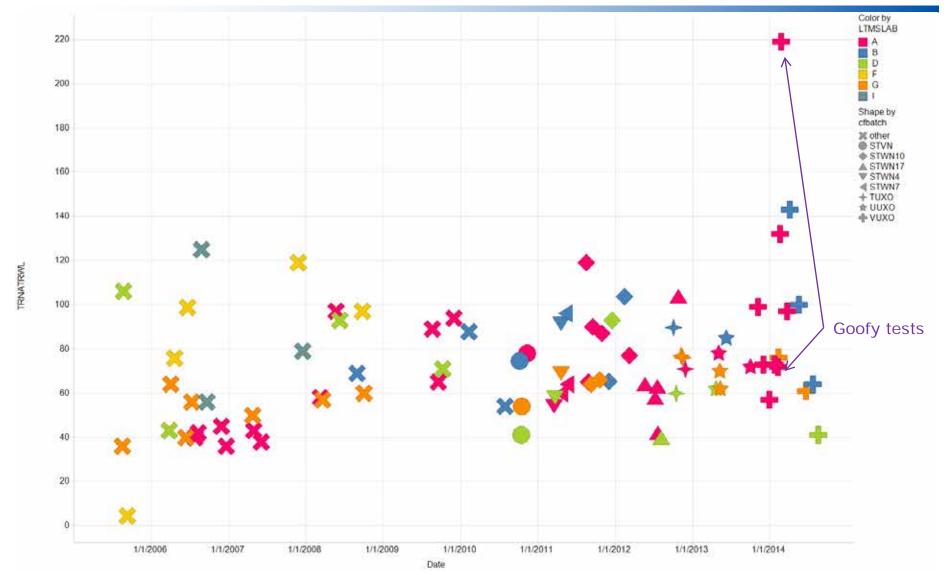
Uncorrected Top Ring Weight Loss







Uncorrected Top Ring Weight Loss







Third Pass at Updated Industry Correction Factors

Current					
	TRNDPB	TRNDPB2	TRNOC	ALW_	ATRWL_
Target	3.106	2.125	4.093	16.2	62
Predicted	3.897	3.034	4.466	28.6	73
ICF	0.797	0.700	0.916	0.566	0.849
Calculated					
	TRNDPB	TRNDPB2	TRNOC	ALW_	ATRWL_
Target	3.106	2.125	4.093	16.2	62
Predicted	4.142	3.424	4.499	17.5	99
ICF	0.750	0.621	0.910	0.926	0.629
Calculated (with goofy tests (98459 & 98867) deleted)					
	TRNDPB	TRNDPB2	TRNOC	ALW_	ATRWL_
Target	3.106	2.125	4.093	16.2	62
Predicted	3.803	2.998	4.487	19.1	90
ICF	0.817	0.709	0.912	0.848	0.690
Calculated (with goofy tests (98459 & 98867) deleted) and TK					
102361 added					
	TRNDPB	TRNDPB2	TRNOC	ALW_	ATRWL_
Target	3.106	2.125	4.093	16.2	62
Predicted	3.819	2.994	4.482	19.8	86
ICF	0.813	0.710	0.913	0.818	0.719





Mack Merits with previous corrections

