

ALL TESTING CONDUCTED BY:

FINAL REPORT
THIS REPORT AND DATA WITHIN
HAS COMPLETED QA/QC
REVIEW.



CLARK
TESTING

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DURAVI MOTOR OIL ADDITIVE

FALEX EP LUBE TEST - PIN & VEE

ASTM D3233A

TEST SET 1A

BASELINE MEDIA: Castrol Edge

DATE CONDUCTED: 29 NOV 2016

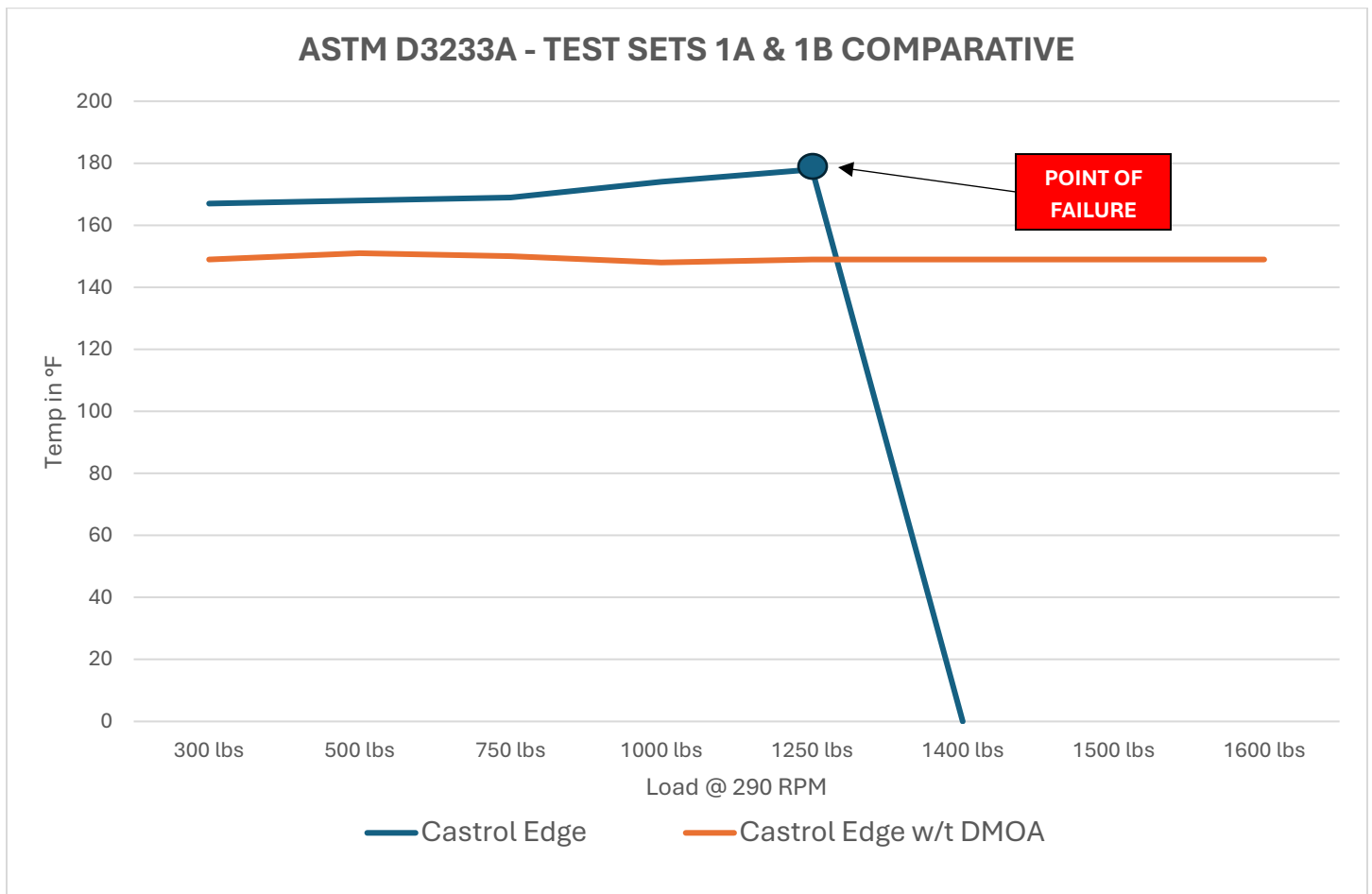
Falex EP Lube (Pin and Vee)		Test Code: D3233A / Method: D3233 A
Result Date	11/29/2016	
Test 1 Reference Load	lbs 1250	
Test 2 Reference Load	lbs 1400	
Average Reference Load	lbs 1325	
Comments		
Temperatures: - Run 1 After 300 lb. break-in = 167°F 750 lbs. = 169°F 1000 lbs. = 174°F 1250 lbs. = 178°F Temperatures: - Run 2 After 300 lb. break-in = 157°F 750 lbs. = 158°F 1000 lbs. = 159°F 1250 lbs. = 161°F 1400 lbs. = 165°F		

TEST SET 1B

BASELINE MEDIA: Castrol Edge w/t Duravi Motor Oil Additive

DATE CONDUCTED: 08 DEC 2016

Falex EP Lube (Pin and Vee)		Test Code: D3233A / Method: D3233 A
Result Date	12/08/2016	
Test 1 Reference Load	lbs	1600
Test 2 Reference Load	lbs	1400
Average Reference Load	lbs	1500
Comments		
Temperatures: - Run 1		
After 300 lb. Break-in = 149°F		
500 lbs. = 151°F		
750 lbs. = 150°F		
1000 lbs. = 148°F		
1250 lbs. = 149°F		
1500 lbs. = 149°F		
1600 lbs. = 149°F		
Temperatures: - Run 2		
After 300 lb. Break-in = 160°F		
500 lbs. = 157°F		
750 lbs. = 156°F		
1000 lbs. = 154°F		
1250 lbs. = 154°F		
1400 lbs. = 155°F		



TEST SET 2A

BASELINE MEDIA: Mobil 1 Extreme Performance (10w30)

DATE CONDUCTED: 06 FEB 2017

Falex EP Lube (Pin and Vee)		Test Code: D3233A / Method: D3233 A
Result Date	02/06/2017	
Test 1 Reference Load	lbs	1250
Test 2 Reference Load	lbs	1150
Average Reference Load	lbs	1200
Comments		
Test 1 300 lbs. (Break-in) = 146°F 500 lbs. = 145°F 750 lbs. = 145°F 1000 lbs. = 148°F 1250 lbs. = 152°F		
Test 2 300 lbs. (Break-in) = 151°F 500 lbs. = 152°F 750 lbs. = 152°F 1000 lbs. = 152°F 1150 lbs. = 153°F		

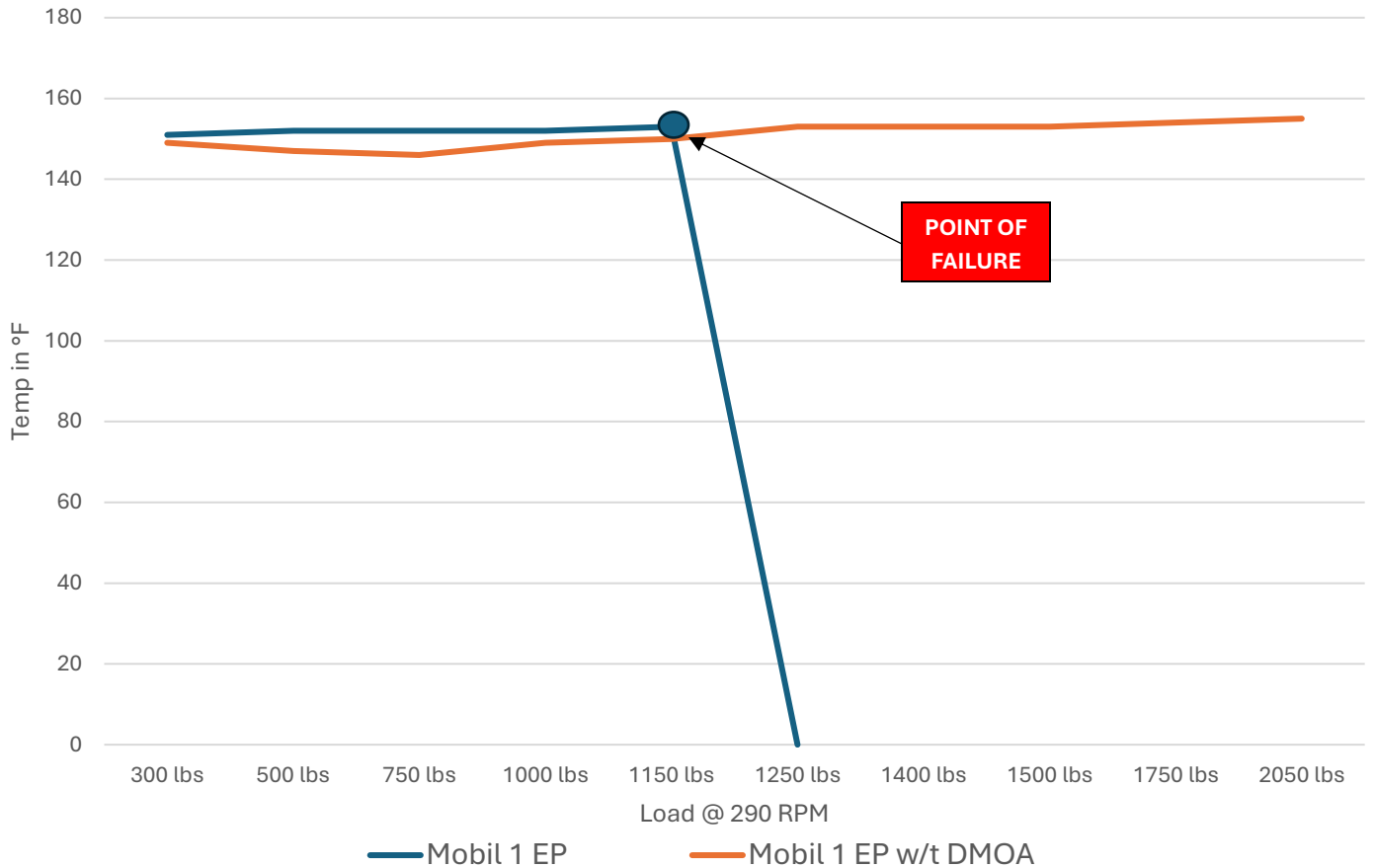
TEST SET 2B

BASELINE MEDIA: Mobil 1 EP w/t Duravi Motor Oil Additive

DATE CONDUCTED: 06 FEB 2017

Falex EP Lube (Pin and Vee)		Test Code: D3233A / Method: D3233 A
Result Date	02/06/2017	
Test 1 Reference Load	lbs	2250
Test 2 Reference Load	lbs	2050
Average Reference Load	lbs	2150
Comments		
Test 1 300 lbs. (Break-in) = 149°F 500 lbs. = 146°F 750 lbs. = 146°F 1000 lbs. = 145°F 1250 lbs. = 146°F 1500 lbs. = 147°F 1750 lbs. = 152°F 2000 lbs. = 158°F 2250 lbs. = 161°F		
Test 2 300 lbs. (Break-in) = 149°F 500 lbs. = 147°F 750 lbs. = 146°F 1000 lbs. = 149°F 1250 lbs. = 153°F 1500 lbs. = 153°F 1750 lbs. = 154°F 2050 lbs. = 155°F		

ASTM D3233A - TEST SETS 2A & 2B COMPARATIVE



TEST SET 3A

BASELINE MEDIA: Warren Oil

DATE CONDUCTED: 29 NOV 2016

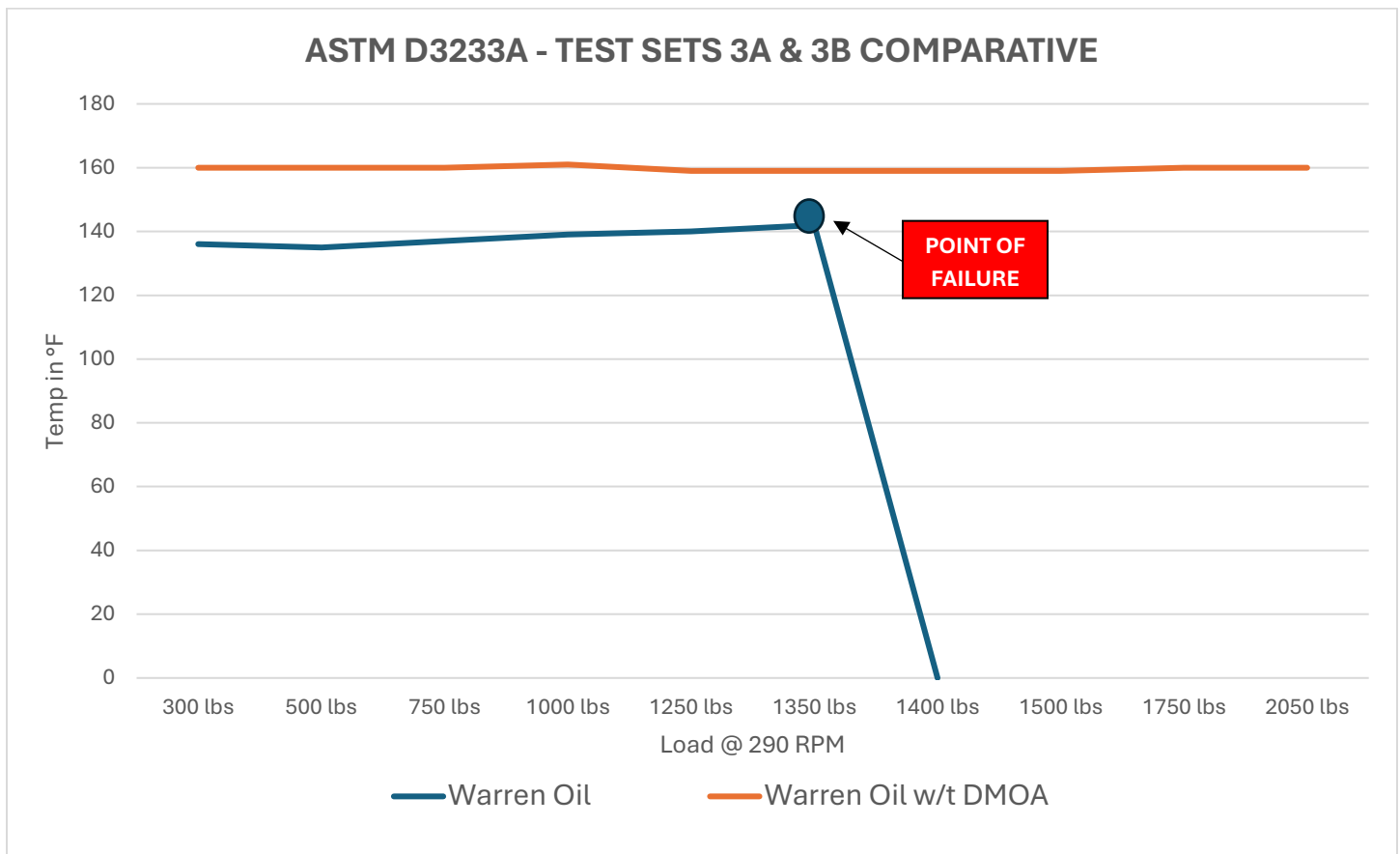
Falex EP Lube (Pin and Vee)		Test Code: D3233A / Method: D3233 A
Result Date	11/29/2016	
Test 1 Reference Load	<i>lbs</i> 1350	
Test 2 Reference Load	<i>lbs</i> 1200	
Average Reference Load	<i>lbs</i> 1275	
Comments		
Temperatures: - Run 1 After 300 lb. break-in = 136°F 500 lbs. = 135°F 750 lbs. = 137°F 1000 lbs. = 139 °F 1250 lbs. = 140°F 1350 lbs. = 142°F Temperatures: Run 2 After 300 lb. break-in = 153°F 500 lbs. = 152°F 750 lbs. = 152°F 1000 lbs. = 152°F 1200 lbs. = 152°F		

TEST SET 3B

BASELINE MEDIA: Warren Oil w/t Duravi Motor Oil Additive

DATE CONDUCTED: 29 NOV 2016

Falex EP Lube (Pin and Vee)		Test Code: D3233A / Method: D3233 A
Result Date	11/29/2016	
Test 1 Reference Load	lbs 2050	
Test 2 Reference Load	lbs 1600	
Average Reference Load	lbs 1825	
Comments		
Temperatures - Run 1 After 300 lb. break-in = 160°F 500 lbs. = 160°F 750 lbs. = 160°F 1000 lbs. = 161°F 1250 lbs. = 159°F 1500 lbs. = 159°F 1750 lbs. = 160°F 2050 lbs. = 160°F Temperatures - Run 2 After 300 lb. break-in = 158°F 500 lbs. = 159°F 750 lbs. = 161°F 1000 lbs. = 159°F 1250 lbs. = 158°F 1500 lbs. = 158°F 1600 lbs. = 158°F		



ASTM D3233A - ALL TEST SETS COMPARATIVE

