

ALL TESTING CONDUCTED BY:

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



**CLARK**  
TESTING

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## DURAVI GEAR OIL ADDITIVE

### FALEX EP LUBE TEST - PIN & VEE

ASTM D3233A

#### TEST SET 1A

**BASELINE MEDIA:** Shell Syn Spirax Gear Oil (80w140)

**DATE CONDUCTED:** 01 APR 2024

D3233A Falex EP Lube	8/23/2010
Test 1 Direct Load (lbs)	+ 2,885.0
Test 1 Reference Load (lbs)	+ 4,500.0
Test 2 Direct Load (lbs)	+ 2,885.0
Test 2 Reference Load (lbs)	+ 4,500.0
Average Direct Load (lbs)	+ 2,885.0
Average Reference Load (lbs)	+ 4,500.0

#### TEST SET 1B

**BASELINE MEDIA:** Shell SSGO w/t Duravi Gear Oil Additive

**DATE CONDUCTED:** 01 APR 2024

D3233A Falex EP Lube	8/23/2010
Test 1 Direct Load (lbs)	+ 2,885.0
Test 1 Reference Load (lbs)	+ 4,500.0
Test 2 Direct Load (lbs)	+ 2,885.0
Test 2 Reference Load (lbs)	+ 4,500.0
Average Direct Load (lbs)	+ 2,885.0
Average Reference Load (lbs)	+ 4,500.0

#### ADDITIONAL NOTES FROM THE LAB:

##### Test Set 1B

- Temp @ 4500 lbs = 336°F
- Torque @ 4500 lbs = ~135 inch/lbs
- Oil produced heavy smoke @ 4500 lbs

##### Test Set 1B

- Temp @ 4500 lbs = 197°F
- Torque @ 4500 lbs = ~50 inch/lbs
- Oil produced no smoke @ 4500 lbs