



**ENGINEERED
LUBRICANTS**

LABORATORY ANALYSIS



Company.....: Xtreme Green, Inc.
Address.....: 940 South Coast Dr. Ste. 200
 Costa Mesa, CA 92626
Department.....:

Product.....:
Equipment.....: SEE SAMPLE ID BELOW
Equipment No.....:
Make
Model
System.....:
Filtration.....:

XEM:

Test Number	New	36	37
Lab Number	(Typical)	1308-00178	1308-00179
Date of Sample		08/06/13	08/06/13
Oil Addition		UNK	UNK
Last Drain Date		UNK	UNK
Months on Sample			
Last Filter Service		UNK	UNK
Sample Point			

COMMENTS Test #36 – 10W40 STANDARD OIL; P.O. #5240

Test #37 – 10W40 STANDARD OIL; 10% Xtreme Green XPL Plus, L080613; P.O. #6240

Last Non-Seiz, Kg	80	63
Weld Point, Kg	200	250
Load Wear Index	34.5	33.6

FALEX STEPWISE EP

Falex I.D	308U0178	308U0179
Dilution	CONC	CONC
Final Load, Lbs	791	1757
Steel Pin	2 PIECES	2 PIECES
	SCARRED	SCARRED
Steel Pin Worn	N/A	N/A
Steel Extrusion	N/A	N/A
Pin Weight Loss,G	N/A	N/A
V Blocks	SCARRED	SCARRED
Brass Shear Pin	1 PIECE	1 PIECE
Coef. of Friction	0.13	0.19
Temp. Before, F	70	72
Temp. After, F	85	323

Test#36 - TEST FAILED AT 4:05. TEST PIN BROKE.

Test#37 - TEST FAILED AT 11:05. TEST PIN BROKE.

These laboratory test results are intended to be helpful and informative. They are based on our best experience, current industry testing procedures, and information provided with the sample, which we believe to be reliable. We cannot assume responsibility for any loss or accident that may result from use of the information given.

11525 ROCK ISLAND COURT MARYLAND HEIGHTS, MISSOURI 63043-3597 314/872-9540

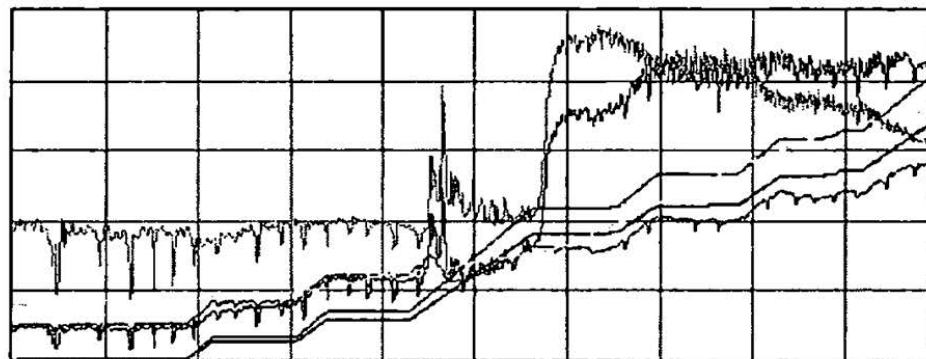
08-07-2013

FALEX PIN & VEE BLOCK

13:16:52

***** HISTORY DISPLAY ***** Test Name: 308U0179

Lo	Hi
0.0	130.0
0.0	3100.0
0.0	1250.0
0.0	1500.0
0.0	0.3



TORQ 109 lbin
 LOAD 1757 lb
 WEAR 847 .0001in
 TCNT 1221
 COEF 0.19

000:01 011:05 011:08

<Home> to switch <Alt><D> for parameters <F1> to return

Display Window Grid Lines
 Start 000:01 End 011:08 Y-Axis 5 X-Axis 10

TEST NAME: 308US0179
 TEST DATE: 08-07-2013
 TEST TIME: 12:53:09
 TEST DESC: 10W40 STD OIL 10PCNT XTREME GREEN XPL PLUS / STEP EL/CONC
 LOAD RANGE: HIGH DATA COLLECTION RATE: 1 (Sec)

08-07-2013

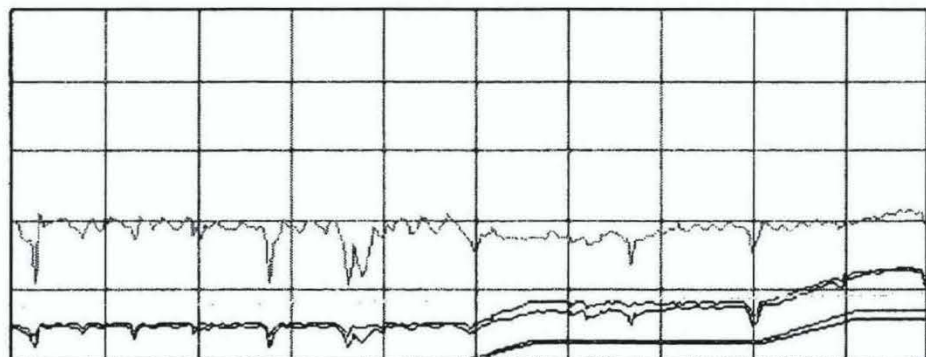
FALEX PIN & VEE BLOCK

11:17:27

***** HISTORY DISPLAY *****

Test Name: 3080178

Lo	Hi
0.0	130.0
0.0	3100.0
0.0	1250.0
0.0	1500.0
0.0	0.3



TORQ 34 lbin

LOAD 791 lb 000:01

004:05

004:07

WEAR 148 .0001in

TCNT 214

<Home> to switch <Alt><D> for parameters <F1> to return

COEF 0.13

Display Window

Grid Lines

Start 000:01 End 004:07

Y-Axis

5

X-Axis

10

TEST NAME: 3080178

TEST DATE: 08-07-2013

TEST TIME: 10:30:50

TEST DESC: 10W40 STANDARD OIL/STEPWISE EL/CONC

LOAD RANGE: HIGH

DATA COLLECTION RATE:

1 (Sec)