



ENGINE

EQUIP NUM: 245G

SERIAL NUMBER: R8629801

4184-0037
 SAMPLE SHIP TIME (days) : 3
 ANDY FRANK
 RECEIVED DATE: 02-Jul-24

OTHER HARLEY DAVIDSON
 No Action Required



Interp By: [Redacted]
 Interpreted On: 08-Jul-24

FIRST SAMPLE/NO TREND ESTABLISHED. WEAR PATTERN APPEARS TO BE NORMAL ON A FIRST SAMPLE BASIS. RESAMPLE AT NORMAL INTERVAL TO ESTABLISH A TREND. CONTINUE TO MONITOR COMPARTMENT BY SAMPLING AT RECOMMENDED INTERVALS.



SAMPLE INFORMATION

Sampled Date	29-Jun-24
Sample Id	B350-54184-0037
Lab Date	02-Jul-24
Meter [Hr]	923
Comp Meter [Hr]	923
Meter On Fluid	923
Fluid Brand	
Fluid Weight	
Fluid Type	
Fluid Change	Y
Filter Change	Y
Kir	U
Tc	0

For additional sample history, go to: S.O.S WEB

CONDITION / CONTAMINATION

29-Jun-24		
VISCOSITY (CENTISTOKES) ASTM D445		
V100	Viscosity at 100 C	16.23
INFRARED (IFM) ASTM E2412		
ST	Soot	0
OXI	Oxidation	11
SUL	Sulfur Products	17
NIT	Nitration	0
WATER		
W	Water	N

WEAR LEVELS / ADDITIVES

29-Jun-24		
ELEMENTAL ANALYSIS (PPM) ASTM D5185 [OIL] / ASTM D6130 [COOLANT]		
Cu	Copper	67
Fe	Iron	14
Cr	Chromium	0
Al	Aluminum	2
Pb	Lead	0
Sn	Tin	5
Si	Silicon	15
Na	Sodium	3
K	Potassium	4
Mo	Molybdenum	95
Ni	Nickel	0
Ag	Silver	0
Ti	Titanium	0
V	Vanadium	0
Mn	Manganese	1
Cd	Cadmium	0
Ca	Calcium	716
P	Phosphorus	763
Zn	Zinc	900
Mg	Magnesium	813
Ba	Barium	1
B	Boron	330

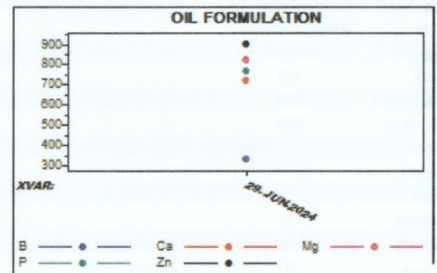
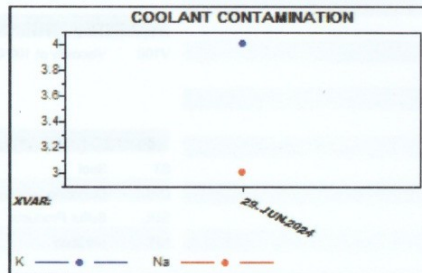
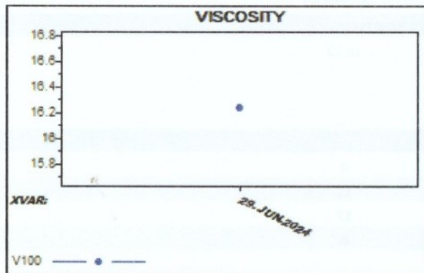
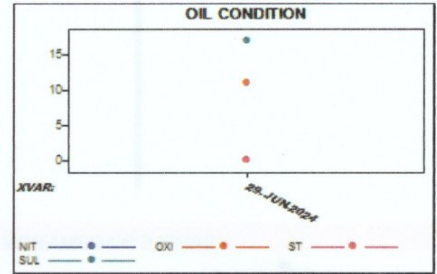
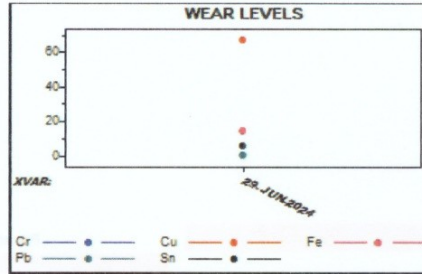
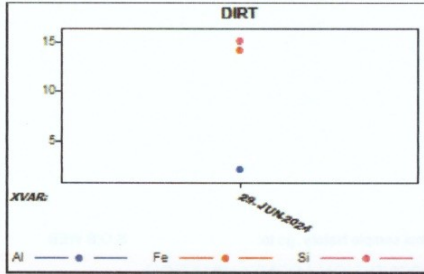
FUEL

F	Fuel	N
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ENGINE
SERIAL NUMBER: R8629801
EQUIP NUM: 245G
OTHER HARLEY DAVIDSON

B350-54184-0037

No Action Required



Report Comment

Our sample reports has been updated! For more information on the new report, go to - <https://www.youtube.com/watch?v=4h8bREJVUrs>



ALTOFFER INDUSTRIES - Construction Products 301 S. Mill Hill Court Addison, IL 60101 USA
 PHONE: 630 433 0296
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PRIMARY

54184-8073

SAMPLE SHIP TIME (days) : 3

ANDY FRANK

RECEIVED DATE: 02-Jul-24

EQUIP NUM: 245G

OTHER HARLEY DAVIDSON

No Action Required

SERIAL NUMBER: R8629801

FIRST SAMPLE/NO TREND ESTABLISHED. WEAR PATTERN APPEARS TO BE NORMAL ON A FIRST SAMPLE BASIS. RESAMPLE AT NORMAL INTERVAL TO ESTABLISH A TREND. CONTINUE TO MONITOR COMPARTMENT BY SAMPLING AT RECOMMENDED INTERVALS.

SAMPLE INFORMATION

Sampled Date	29-Jun-24
Sample Id	B350-54184-8073
Lab Date	02-Jul-24
Meter [Hr]	923
Comp Meter [Hr]	923
Meter On Fluid	923
Fluid Brand	
Fluid Weight	
Fluid Type	
Fluid Change	Y
Filter Change	Y
Ki	U
Tc	0

For additional sample history, go to:

S.O.S WEB

CONDITION / CONTAMINATION

29-Jun-24		
VISCOSITY (CENTISTOKES) ASTM D445		
V100	Viscosity at 100 C	15.90
INFRARED (UFM) ASTM E2412		
ST	Soot	0
OXI	Oxidation	11
SUL	Sulfur Products	16
NIT	Nitration	0
WATER		
W	Water	N

WEAR LEVELS / ADDITIVES

29-Jun-24		
ELEMENTAL ANALYSIS (PPM) ASTM D6185 [OIL] / ASTM D6130 [COOLANT]		
Cu	Copper	4
Fe	Iron	18
Cr	Chromium	0
Al	Aluminum	1
Pb	Lead	0
Sn	Tin	1
Si	Silicon	8
Na	Sodium	0
K	Potassium	4
Mo	Molybdenum	95
Ni	Nickel	0
Ag	Silver	0
Ti	Titanium	0
V	Vanadium	0
Mn	Manganese	1
Cd	Cadmium	0
Ca	Calcium	730
P	Phosphorus	777
Zn	Zinc	924
Mg	Magnesium	782
Ba	Barium	3
B	Boron	357

CLEANLINESS

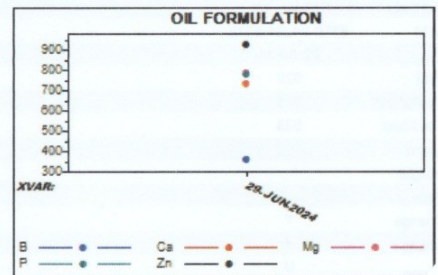
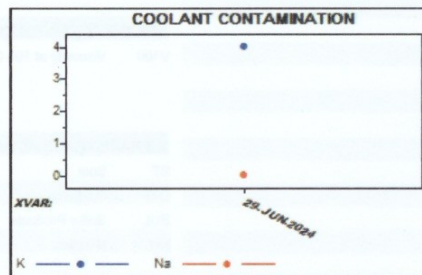
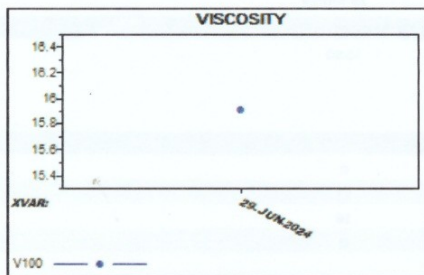
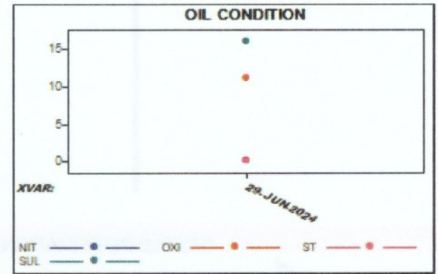
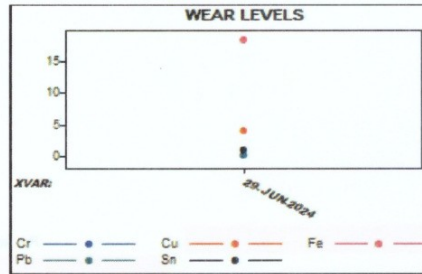
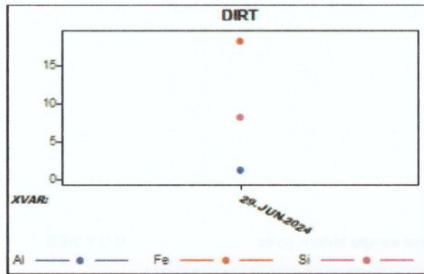
29-Jun-24		
PARTICLE COUNT - ISO 11171:1999 reported per ISO 4406		
ISO	ISO Code Rating	24/22/15
4µ	4µ	124825
6µ	6µ	29691
10µ	10µ	2277
14µ	14µ	253
18µ	18µ	53
21µ	21µ	21
38µ	38µ	11
50µ	50µ	5

Notice: This analysis is intended as an aid in predicting mechanical wear. No guarantee, expressed or implied, is made against failure of this piece of equipment or component thereof.

PRIMARY
SERIAL NUMBER: R8629801
EQUIP NUM: 245G
OTHER HARLEY DAVIDSON

B350-54184-8073

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