

Control # 060920150917 060820150917 060720150917 060620150917 060520150917

Date Taken	04/01/2015	03/01/2015	02/01/2015	01/01/2015	12/01/2014
Service Meter Reading	0	0	0	0	0
Fluid Run Time	0	0	0	0	0
Fluid Added Gal / Qts	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0
Fluid Status	Sampled	Sampled	Sampled	Sampled	Sampled
Filter Changed	Unknown	Unknown	Unknown	Unknown	Unknown
Water	Negative	Negative	Negative	Negative	Negative
Visc 40C	45.2	42.6	44.6	42.8	43.2
TAN	0.63	0.60	0.52	0.56	0.40
Iron (FE)	4	3	3	3	2
Chromium (CR)	1	1	0	0	0
Lead (PB)	8	1	1	3	3
Copper (CU)	25	22	15	18	16
Tin (SN)	2	2	1	1	2
Aluminum (AL)	1	1	2	2	0
Nickel (NI)	0	0	0	0	1
Silver (AG)	0	0	0	0	0
Silicon (SI)	22	11	12	10	9
Potassium (K)	0	0	0	0	0
Sodium (NA)	11	2	3	3	8
Boron (B)	0	0	0	0	0
Magnesium (MG)	2	0	2	2	3
Calcium (CA)	53	63	63	50	54
Barium (BA)	0	0	0	0	0
Phosphorus (P)	340	306	318	332	356
Zinc (ZN)	442	415	415	402	448
Molybdenum (MO)	2	2	2	2	2
Titanium (TI)	0	0	0	0	0
Vanadium (V)	0	0	0	0	0
4 microns	9279	6990	5883	13495	14737
6 microns	4653	2008	1461	4410	1037
14 microns	764	69	61	451	31
21 microns	360	17	16	154	14
38 microns	80	2	1	30	5
70 microns	14	1	0	4	2
ISO	20/19/17	20/18/13	20/18/13	21/19/16	21/17/12
Water Content	46ppm	40ppm	58ppm	38ppm	51ppm



Lab One Inc.

Oil Analysis since 1985

Mail to: PO Box 20210 - Phoenix, AZ 85036-0210
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 Toll Free: 866-652-2663
 Fax: 480-839-9987

Reportable

1 of 1

09/17/2015

Make / Model

HYD OIL

Unit/Serial

BOI EXAMPLE/

Compartment

Hydraulic

Fluid Type

AW 46

WO / Reference

Current Interpretation

Copper Level Has Increased.
 Silicon Level Increased.
 Particle Count Level(s) Have
 Increased Since Last Sample.
 Recommend Use Off-line
 Filtration To Remove Debris.
 Change / Service Oil Filter(s),
 If Not Already Done. Resample To
 Check Wear Trend.

0000000084

Lab One Web Test
 Attn: Jason Kronlund
 101 West Mohave Street
 Phoenix, AZ 85003

Interpretation from sample # 060820150917 (Normal)

No abnormal wear or contaminants detected.

Interpretation from sample # 060720150917 (Normal)

No Abnormal Wear Detected. Particle Counts Have Decreased. Recommend resample normal interval to check trend.

Interpretation from sample # 060620150917 (Reportable)

No Abnormal Wear Detected. Particle Count Level(s) Have Increased Since Last Sample. Recommend Use Off-line Filtration To Remove Debris. Change / Service Oil Filter(s), If Not Already Done. Recommend resample normal interval to check trend.

Interpretation from sample # 060520150917 (Normal)

No abnormal wear or contaminants detected.

