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



Mail to: PO Box 20210 - Phoenix, AZ 85036-0210 Ship to: 101 W Mohave St. - Phoenix AZ 85003

> Phone Local: 480-839-5221 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.

000000084

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)

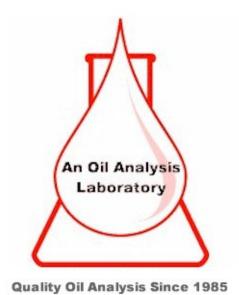
No Abnormal Wear Detected. Particle Counts Have Decreased. Recommend resample normal interval to check trend.

### 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.



Registered By: JASON KRONLUND Interpreted By: JASON KRONLUND