

Bramco
Falk Steudtner
1801 Watterson Trail -
Louisville, KY, 40299

P.O./Ref No.: **MS008T**

Unit ID: **A10469 / C0731-N**

Unit Worksite: **Memphis, TN**

Comp. Ref NO.: **5602499**

Component Type: **FINAL DRIVE**

Component: **LEFT FINAL DRIVE**

Unit Manufacturer and Model: **Komatsu PC350LC-8**

Oil Type: **KOMATSU UNKNOWN SAE 30**

Component Manufacturer and Model: **Komatsu PC350LC-8**

Component Serial Number: **A10469**

Maintenance Recommendations for Lab No. 201512031137

Reported On: **Dec 04 2015**

From: **Power Equipment Company, Memphis, TN**

ANALYSIS INDICATES AN ABNORMAL LEVEL OF CONTAMINATION IS PRESENT! ABRASIVES (dirt) present. CHECK seals, vents, and case for location of contaminant entry. CHANGE the OIL and FILTER(s) if not already performed. RESAMPLE at the next scheduled interval.

SPECTROCHEMICAL ANALYSIS IN PARTS PER MILLION

LAB NO.	Iron	Chromium	Nickel	Aluminum	Lead	Copper	Tin	Silver	Titanium	Silicon	Boron	Sodium	Potassium	Molybdenum	Phosphorus	Zinc	Calcium	Barium	Magnesium	Antimony	Vanadium	Sample Drawn
1137	179	7	<1	19	1	6	<1	<0.1	4	122 *	3	8	8	2	709	904	1922	<1	8	1	<1	11/25/15
0723	157	5	1	16	<1	2	<1	<0.1	4	95	2	5	<10	<5	945	1223	2635	<10	10	<30	<1	03/26/15
0045	94	3	1	8	<1	3	<1	<0.1	9	57	5	2	<10	<5	888	1103	2535	<10	14	<30	<1	07/22/14
0047	85	4	<1	10	1	5	<1	<0.1	2	43	3	4	<10	<5	906	1123	2730	<10	29	<30	<1	01/03/13

SAMPLE INFORMATION

PHYSICAL TEST RESULTS

LAB NO.	MI/HR Unit	MI/HR Oil	Oil Add	FLTR CHG	Oil CHG	Water	Viscosity 100 °C
1137	3256	2	0	-	S	<0.1	9.3
0723	2719	2719	0	-	S	<0.1	9.3
0045	2289		0	-	S	<0.1	10.6
0047	1782	1782	0	No	Y	<0.1	10.9

Bramco
Falk Steudtner
1801 Watterson Trail -
Louisville, KY, 40299

P.O./Ref No.: **MS008T**

Unit ID: **A10469 / C0731-N**

Unit Worksite: **Memphis, TN**

Comp. Ref NO.: **5602497**

Component Type: **HYDRAULIC**

Component: **HYDRAULIC**

Unit Manufacturer and Model: **Komatsu PC350LC-8**

Oil Type: **UNKNOWN AW 46 SAE 10**

Component Manufacturer and Model: **Komatsu PC350LC-8**

Component Serial Number: **A10469**

Maintenance Recommendations for Lab No. 201512031135

Reported On: **Dec 04 2015**

From: **Power Equipment Company, Memphis, TN**

ANALYSIS INDICATES COMPONENT & LUBRICANT CONDITIONS ARE ACCEPTABLE. RESAMPLE at the next scheduled interval.

SPECTROCHEMICAL ANALYSIS IN PARTS PER MILLION

LAB NO.	Iron	Chromium	Nickel	Aluminum	Lead	Copper	Tin	Silver	Titanium	Silicon	Boron	Sodium	Potassium	Molybdenum	Phosphorus	Zinc	Calcium	Barium	Magnesium	Antimony	Vanadium	Sample Drawn
1135	17	<1	<1	1	4	10	<1	<0.1	<1	6	1	5	2	2	292	359	363	1	9	1	<1	11/25/15
0816	18	1	<1	1	3	13	1	<0.1	<1	8	<1	3	<10	<5	394	489	473	<10	13	<30	<1	03/26/15
0047	12	<1	<1	1	2	10	<1	<0.1	<1	6	2	3	<10	<5	340	406	394	<10	11	<30	<1	07/22/14
0045	8	<1	<1	2	1	9	<1	<0.1	<1	6	2	2	<10	<5	329	394	382	<10	10	<30	<1	01/03/13

SAMPLE INFORMATION

PHYSICAL TEST RESULTS

LAB NO.	MI/HR Unit	MI/HR Oil	Oil Add	FLTR CHG	Oil CHG	Water	Viscosity 100 °C
1135	3256		0	-	S	<0.1	6.9
0816	2719	500	0	-	S	<0.1	7.0
0047	2289		0	-	S	<0.1	6.8
0045	1782	1782	0	Yes	N	<0.1	6.8

Bramco
Falk Steudtner
1801 Watterson Trail -
Louisville, KY, 40299

P.O./Ref No.: **MS008T**

Unit ID: **A10469 / C0731-N**

Unit Worksite: **Memphis, TN**

Comp. Ref NO.: **5602500**

Component Type: **SWING GEAR**

Component: **SWING GEAR**

Unit Manufacturer and Model: **Komatsu PC350LC-8**

Oil Type: **KOMATSU UNKNOWN SAE 30**

Component Manufacturer and Model: **Komatsu PC350LC-8**

Component Serial Number: **A10469**

Maintenance Recommendations for Lab No. 201512031138

Reported On: **Dec 04 2015**

From: **Power Equipment Company, Memphis, TN**

ANALYSIS INDICATES COMPONENT & LUBRICANT CONDITIONS ARE ACCEPTABLE. RESAMPLE at the next scheduled interval.

SPECTROCHEMICAL ANALYSIS IN PARTS PER MILLION

LAB NO.	Iron	Chromium	Nickel	Aluminum	Lead	Copper	Tin	Silver	Titanium	Silicon	Boron	Sodium	Potassium	Molybdenum	Phosphorus	Zinc	Calcium	Barium	Magnesium	Antimony	Vanadium	Sample Drawn
1138	26	<1	<1	<1	<1	2	<1	<0.1	3	10	3	3	1	1	794	983	3033	<1	10	<1	<1	11/25/15
0722	35	1	1	1	1	3	<1	<0.1	10	11	3	3	<10	<5	966	1231	2913	<10	11	<30	<1	03/26/15
0044	26	<1	1	<1	<1	2	<1	<0.1	9	8	5	1	<10	<5	875	1099	2631	<10	11	<30	<1	07/22/14
0048	57	2	<1	4	2	5	<1	<0.1	<1	15	2	4	<10	<5	864	1007	3565	<10	18	<30	<1	01/03/13

SAMPLE INFORMATION

PHYSICAL TEST RESULTS

LAB NO.	MI/HR Unit	MI/HR Oil	Oil Add	FLTR CHG	Oil CHG	Water	Viscosity 100 °C
1138	3256	2	0	-	S	<0.1	10.7
0722	2719	1000	0	-	S	<0.1	10.7
0044	2289		0	-	S	<0.1	10.7
0048	1782	1000	0	No	Y	<0.1	11.3

Bramco
Falk Steudtner
1801 Watterson Trail -
Louisville, KY, 40299

P.O./Ref No.: **MS008T**

Unit ID: **A10469 / C0731-N**

Unit Worksite: **Memphis, TN**

Comp. Ref NO.: **5602496**

Component Type: **ENGINE**

Component: **DIESEL ENGINE**

Unit Manufacturer and Model: **Komatsu PC350LC-8**

Oil Type: **KOMATSU UNKNOWN 15W40**

Component Manufacturer and Model: **Komatsu PC350LC-8**

Component Serial Number: **A10469**

Maintenance Recommendations for Lab No. 201512031134

Reported On: **Dec 04 2015**

From: **Power Equipment Company, Memphis, TN**

ANALYSIS REFLECTS CONDITIONS / VALUES NOTED FOR MONITORING PURPOSES ONLY. Other test results are satisfactory. RESAMPLE at the next scheduled interval.

SPECTROCHEMICAL ANALYSIS IN PARTS PER MILLION

LAB NO.	Iron	Chromium	Nickel	Aluminum	Lead	Copper	Tin	Silver	Titanium	Silicon	Boron	Sodium	Potassium	Molybdenum	Phosphorus	Zinc	Calcium	Barium	Magnesium	Antimony	Vanadium	Sample Drawn
1134	64	1	<1	1	3	5	<1	0.3	18	9	46	6	2	11	972	1221	2806	<1	148	<1	<1	11/25/15
0815	47	1	1	1	1	5	<1	0.4	98	8	71	5	<10	11	1110	1427	2104	<10	382	<30	<1	03/26/15
0043	27	1	1	1	2	5	<1	0.5	86	4	60	<1	<10	14	1008	1234	2107	<10	251	<30	<1	07/22/14
0044	22	1	1	3	3	4	<1	0.5	56	3	45	3	<10	12	961	1183	2183	<10	195	<30	<1	01/03/13

SAMPLE INFORMATION

PHYSICAL TEST RESULTS

LAB NO.	MI/HR Unit	MI/HR Oil	Oil Add	FLTR CHG	Oil CHG	Viscosity 100 °C	Visc Grade	Soot	OX	NTR	GLY Test	Water	Fuel
1134	3256	2	0	-	S	14.9	40	0.3	19	12*	NEG	<0.1	<0.50
0815	2719	500	0	-	S	13.8	40	0.1	18	9	NEG	<0.1	<0.50
0043	2289		0	Yes	C	13.0	40	0.2	17	9	NEG	<0.1	<0.50
0044	1782	500	2	Yes	Y	13.1	40	0.2	16	8	NEG	<0.1	<1.0

Bramco
Falk Steudtner
1801 Watterson Trail -
Louisville, KY, 40299

P.O./Ref No.: **MS008T**

Unit ID: **A10469 / C0731-N**

Unit Worksite: **Memphis, TN**

Comp. Ref NO.: **5602498**

Component Type: **FINAL DRIVE**

Component: **RIGHT FINAL DRIVE**

Unit Manufacturer and Model: **Komatsu PC350LC-8**

Oil Type: **KOMATSU UNKNOWN SAE 30**

Component Manufacturer and Model: **Komatsu PC350LC-8**

Component Serial Number: **A10469**

Maintenance Recommendations for Lab No. 201512031136

Reported On: **Dec 04 2015**

From: **Power Equipment Company, Memphis, TN**

ANALYSIS INDICATES AN ABNORMAL LEVEL OF CONTAMINATION IS PRESENT! ABRASIVES (dirt) present. CHECK seals, vents, and case for location of contaminant entry. CHANGE the OIL and FILTER(s) if not already performed. RESAMPLE at the next scheduled interval.

SPECTROCHEMICAL ANALYSIS IN PARTS PER MILLION

LAB NO.	Iron	Chromium	Nickel	Aluminum	Lead	Copper	Tin	Silver	Titanium	Silicon	Boron	Sodium	Potassium	Molybdenum	Phosphorus	Zinc	Calcium	Barium	Magnesium	Antimony	Vanadium	Sample Drawn
1136	292	7	<1	45 *	<1	7	<1	<0.1	5	243 *	3	7	16	2	772	965	2056	<1	11	<1	<1	11/25/15
0724	617 *	9	1	49 *	<1	4	<1	<0.1	7	307 *	1	10	15	<5	935	1212	2630	<10	13	<30	<1	03/26/15
0046	222	7	1	41 *	<1	4	<1	<0.1	12	208 *	4	6	<10	<5	884	1114	2528	<10	14	<30	<1	07/22/14
0046	85	3	<1	8	<1	5	<1	<0.1	1	34	3	4	<10	<5	889	1104	2721	<10	28	<30	<1	01/03/13

SAMPLE INFORMATION

PHYSICAL TEST RESULTS

LAB NO.	MI/HR Unit	MI/HR Oil	Oil Add	FLTR CHG	Oil CHG	Water	Viscosity 100 °C
1136	3256	2	0	-	S	<0.1	9.2
0724	2719	2719	0	-	S	<0.1	9.3
0046	2289		0	-	S	<0.1	10.5
0046	1782	1782	0	No	Y	<0.1	10.9