

ROAD MACHINERY LLC - SHELDON LOFGREEN  
SHELDON LOFGREEN  
-  
PHOENIX, AZ 80055

# KOWA

STATUS WAS

Normal

ON

28-Feb-12

ISO 9001 REGISTERED  
3401 Jack Northrop Ave.  
Hawthorne, CA 90250  
PH: (310)219-5000 FAX: (310)219-5005  
(800)424-0099

MODEL SERIAL #: A92021 - WA500-6

COMPONENT: ENGINE

COMP. REF. NO.: 10140487

P.O./REF NO.: PO REQ'D F

WORKSITE	MODEL MANUFACTURER KOMATSU WA500-6	OIL TYPE -
COMPONENT TYPE DIESEL ENGINE	COMPONENT MANUFACTURER AND MODEL KOMATSU S6D140E-5	COMPONENT SERIAL NUMBER A92021

MAINTENANCE RECOMMENDATIONS FOR LAB NO. 4325 Reported On 2012-03-01 From: ROAD MACHINERY LLC, GILBERT, AZ



ANALYSIS INDICATES COMPONENT & LUBRICANT CONDITIONS ARE ACCEPTABLE. RESAMPLE at the next scheduled interval. PLEASE ADVISE specific oil being used (trade name & viscosity grade). PLEASE PROVIDE the time since new or overhauled.

EVAL

ID: 1127

## SPECTROCHEMICAL ANALYSIS IN PARTS PER MILLION BY WEIGHT

LAB NO.	Iron	Chromium	Nickel	Aluminum	Lead	Copper	Tin	Silver	Titanium	Silicon	Boron	Sodium	Polysulfur	Molybdenum	Phosphorus	Zinc	Calcium	Barium	Magnesium	Antimony	Vanadium	SAMPLE DRAWN
4325	7	<1	<1	1	2	1	<1	0.1	<1	3	386	3	<10	75	986	1109	1294	<10	316	<30	<1	28-Feb-12

## SAMPLE INFORMATION

## PHYSICAL TEST RESULTS

LAB NO.	Mi/HR Unit	Mi/HR Oil	Oil Add	FLTR CHG	OIL CHG	FUEL %VOL	FUEL SOOT	OXID A/CM	NITR A/CM	WTR. %VOL	VISC 100°C	SAE. GRADE	GLY TEST	WK-ORDER NUMBER
4325		8920		n	n	<1.0	0.3	16	6	<10	14.2	40	NEG	16757-1

UNDERLINED RESULTS INDICATE SIGNIFICANT VALUES BASED ON KOWA GUIDELINES. SINGLE UNDERLINES INDICATE "MONITOR" OR "CAUTION" LEVELS. DOUBLE UNDERLINES INDICATES CRITICAL LEVELS

FOR LEGEND AND EXPLANATION OF KOWA TESTS PLEASE CLICK ON THE "LEGEND" TAB AT THE TOP OF ANY KOWA ONLINE WEB PAGE  
KOWA SAMPLE ANALYSIS IS PERFORMED BY AN INDEPENDENT LABORATORY

FOR LEGEND AND EXPLANATION OF ADDITIONAL TESTS PLEASE CLICK ON THE "GLOSSARY" TAB AT THE TOP OF ANY KOWA ONLINE WEB PAGE

NOTE: "L" after SAMPLE DRAWN indicates date was NOT provided, displayed date is process date

N/R = TEST NOT PERFORMED

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Form No. 6024B 9/00

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MODEL SERIAL #: A92021 - WA500-6  
COMPONENT: TRANSMISSION  
COMP. REF. NO.: 10140489  
P.O./REF NO.: PO REQ'D F

WORKSITE	MODEL MANUFACTURER KOMATSU WA500-6	OIL TYPE -
COMPONENT TYPE TRANSMISSION	COMPONENT MANUFACTURER AND MODEL KOMATSU WA500-6	COMPONENT SERIAL NUMBER A92021

MAINTENANCE RECOMMENDATIONS FOR LAB NO. 4326 Reported On 2012-03-01 From: ROAD MACHINERY LLC, GILBERT, AZ



ANALYSIS INDICATES COMPONENT & LUBRICANT CONDITIONS ARE ACCEPTABLE. RESAMPLE at the next scheduled interval. PLEASE ADVISE specific oil being used (trade name & viscosity grade). PLEASE PROVIDE the time since last oil change.

EVAL

ID: 1127

## SPECTROCHEMICAL ANALYSIS IN PARTS PER MILLION BY WEIGHT

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
4326	13	<1	<1	1	2	16	<1	<1	<1	6	14	3	<10	7	917	1090	3896	<10	16	<30	<1	28-Feb-12

## SAMPLE INFORMATION

## PHYSICAL TEST RESULTS

LAB NO.	Mi/HR Unit	Mi/HR Oil	Oil Add	FLTR CHG	OIL CHG	WATER % VOL	VIS CS 100°C	WK-ORDER NUMBER
4326	8920			n	n	<10	10.8	16757-1

UNDERLINED RESULTS INDICATE SIGNIFICANT VALUES BASED ON KOWA GUIDELINES. SINGLE UNDERLINES INDICATE "MONITOR" OR "CAUTION" LEVELS. DOUBLE UNDERLINES INDICATES CRITICAL LEVELS.

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(800)424-0099

MODEL SERIAL #: A92021 - WA500-6

COMPONENT: HYDRAULIC

COMP. REF. NO.: 10140490

P.O./REF NO.: PO REQ'D F

WORKSITE	MODEL MANUFACTURER KOMATSU WA500-6	OIL TYPE -
COMPONENT TYPE HYDRAULIC SYSTEM	COMPONENT MANUFACTURER AND MODEL KOMATSU WA500-6	COMPONENT SERIAL NUMBER A92021

MAINTENANCE RECOMMENDATIONS FOR LAB NO. 4327 Reported On 2012-03-01 From: ROAD MACHINERY LLC, GILBERT, AZ



ANALYSIS INDICATES COMPONENT & LUBRICANT CONDITIONS ARE ACCEPTABLE. If still in service, the oil is suitable for continued use. RESAMPLE at the next scheduled interval. PLEASE ADVISE specific oil being used (trade name & viscosity grade). PLEASE PROVIDE the time since last oil change.

EVAL  
ID: 1127

## SPECTROCHEMICAL ANALYSIS IN PARTS PER MILLION BY WEIGHT

LAB NO.	Iron	Chromium	Nickel	Aluminum	Lead	Copper	Tin	Silver	Titanium	Silicon	Boron	Sodium	Potassium	Molybdenum	Phosphorus	Zinc	Calcium	Berium	Magnesium	Antimony	Vanadium	SAMPLE DRAWN
4327	16	<1	<1	3	1	5	<1	<1	<1	17	3	4	<10	<5	885	1077	3922	<10	13	<30	<1	28-Feb-12

SAMPLE INFORMATION						PHYSICAL TEST RESULTS													WK-ORDER	
LAB NO.	Mi/HR	Mi/HR	Oil	FLTR	OIL	WATER	VIS CS	TAN	PARTICLE COUNT (PER 100 ML)											
	Unit	Oil	Add	CHG	CHG				PPM	100°C	2-5u	5-15u	>15-25u	>25-50u	>50-100u	>100u	ISO Code	Class	JAR TYPE	NUMBER
4327	8920			n	n	886	6.9	1.40	5316110	871253	1457	640	90	20	23/20/12	12	PC-JAR	16757-1		

UNDERLINED RESULTS INDICATE SIGNIFICANT VALUES BASED ON KOWA GUIDELINES. SINGLE UNDERLINES INDICATE "MONITOR" OR "CAUTION" LEVELS. DOUBLE UNDERLINES INDICATES CRITICAL LEVELS.

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