

UNIT INFORMATION SHEETS FOR NS 2416 AT SHOP SCX ON 07/10/17 PAGE 1

TASKS AND INFO LISTED ARE VALID THROUGH END OF (ML949A)  
SHOPPING COMMENCING ON DATE SHOWN AT TOP OF PAGE

## CRITICAL UNIT DATA

	LAST DONE	SHOP	NEXT DUE
# OIL/WTR SAMP	05/29/17	CHA	06/12/17
# LUBE	05/13/17	CHA	06/26/17
_ 3 MONTH - MAINT EXPEDITED	05/13/17	CHA	08/12/17
_ 6 MONTH	05/13/17	CHA	11/12/17
_ METER	11/16/16	CHA	11/12/17
_ 12 MONTH	11/16/16	CHA	11/12/17
_ 24/36/48/60	11/16/16	CHA	11/24/19
_ EVENT RECORDER	05/13/17	CHA	08/12/17
_ EPA 1 YEAR	05/13/17	CHA	05/15/18
_ EPA 3 YEAR	08/08/16	CHA	08/16/19
_ OVERHAUL	10/31/10	JUN	06/24/23
_ TRUCK CHANGE	06/26/13	JUN	11/29/24
_ RETRO REFLECTIVE	06/26/13	JUN	07/23/23
_ BATTERY SET CHANGE	03/19/09	KNX	03/16/20

AIR COMP: ?                    AIR DRYER: ?                    OIL CHG: ?

RI: 96                    EPA: A                    RAILVIEW: N                    APU: ?

CAB SGNL: N                    TM TYPE: 723D77,40H                    BEARING TYPE: HYATT                    RMT CTL: N

## EMISSION CRITICAL PARTS

ENGINE LABEL:	EMD002-EMDK0645RBL
LOCO LABEL:	EMD002-EMDK0645RBL
EPA COMPLIANCE:	A-TIER 0+
EPA REGULATION:	B-1033
Turbo/GE LP Turbo	N/A-NOT APPLICABLE
GE HP/EMD HPC Turbo	
Injector/Pump	M-EMD MUI
Injector/Nozzle ID	453-154453 EMD 40100567 8,12
Master Connecting Rod PA	N/A-NOT APPLICABLE
Art Connecting Rod PA	N/A-N/A
Power Assembly	N/A-NOT APPLICABLE
Short Power Assembly (PA)	940318-JUN 645 TIER 0+,1033
Air to Air Intercooler	N/A-NOT APPLICABLE
Air to Water Intercooler	N/A-NOT APPLICABLE
Camshaft (Left End)	N/A-NOT APPLICABLE
Camshaft (Left Mid):	N/A-NOT APPLICABLE
Camshaft (Right End)	N/A-NOT APPLICABLE
Camshaft (Right Mid):	N/A-NOT APPLICABLE
Piston Ring Kit	N/A-NOT APPLICABLE
EGU/ECU/ECM/Governor	004222-EMD 9318853 12-645E
LEFT CAM POS 1:	N/A-NOT APPLICABLE
LEFT CAM POS 2:	N/A-NOT APPLICABLE
LEFT CAM POS 3:	N/A-NOT APPLICABLE

LEFT CAM POS 4:	N/A-NOT APPLICABLE
LEFT CAM POS 5:	N/A-NOT APPLICABLE
LEFT CAM POS 6:	N/A-NOT APPLICABLE
LEFT CAM POS 7:	N/A-NOT APPLICABLE
LEFT CAM POS 8:	N/A-NOT APPLICABLE
LEFT JOURNAL POS 1:	N/A-NOT APPLICABLE
LEFT JOURNAL POS 2:	N/A-NOT APPLICABLE
LEFT JOURNAL POS 3:	N/A-NOT APPLICABLE
LEFT JOURNAL POS 4:	N/A-NOT APPLICABLE
LEFT JOURNAL POS 5:	N/A-NOT APPLICABLE
LEFT JOURNAL POS 6:	N/A-NOT APPLICABLE
LEFT JOURNAL POS 7:	N/A-NOT APPLICABLE
LEFT JOURNAL POS 8:	N/A-NOT APPLICABLE
LEFT JOURNAL POS 9:	N/A-NOT APPLICABLE
RIGHT CAM POS 1:	N/A-NOT APPLICABLE
RIGHT CAM POS 2:	N/A-NOT APPLICABLE
RIGHT CAM POS 3:	N/A-NOT APPLICABLE
RIGHT CAM POS 4:	N/A-NOT APPLICABLE
RIGHT CAM POS 5:	N/A-NOT APPLICABLE
RIGHT CAM POS 6:	N/A-NOT APPLICABLE
RIGHT CAM POS 7:	N/A-NOT APPLICABLE
RIGHT CAM POS 8:	N/A-NOT APPLICABLE
RIGHT JOURNAL POS 1:	N/A-NOT APPLICABLE
RIGHT JOURNAL POS 2:	N/A-NOT APPLICABLE
RIGHT JOURNAL POS 3:	N/A-NOT APPLICABLE
RIGHT JOURNAL POS 4:	N/A-NOT APPLICABLE
RIGHT JOURNAL POS 5:	N/A-NOT APPLICABLE
RIGHT JOURNAL POS 6:	N/A-NOT APPLICABLE
RIGHT JOURNAL POS 7:	N/A-NOT APPLICABLE
RIGHT JOURNAL POS 8:	N/A-NOT APPLICABLE
RIGHT JOURNAL POS 9:	N/A-NOT APPLICABLE

UNIT INFORMATION SHEETS FOR NS 2416 AT SHOP SCX ON 07/10/17 PAGE 2

TASKS AND INFO LISTED ARE VALID THROUGH END OF (ML949A)  
SHOPPING COMMENCING ON DATE SHOWN AT TOP OF PAGECOMPONENT CHANGE HISTORY

DATE	DESCRIPTION	POS
06-02-2017	AIR CONDITIONER, ROOF MOUNT, DP-RM	N/A
05-13-2017	SWITCH, EMD 8298178 ROLLER BUTTON	N/A
05-13-2017	SWITCH, EMD 8298178 ROLLER BUTTON	N/A
05-13-2017	SWITCH, ROLLER BUTTON EMD	N/A
05-13-2017	SWITCH, ROLLER BUTTON EMD	N/A
05-13-2017	SWITCH, EMD 8296750 ROLLER	N/A
05-13-2017	SWITCH, EMD 8296750 ROLLER	N/A
05-13-2017	SWITCH, ROLLER BUTTON	N/A
05-13-2017	SWITCH, ROLLER BUTTON	N/A
05-13-2017	BRUSH, GRADE AG137	ALL
05-13-2017	BRUSH, TRACTION MOTOR SD60 EMD 9582217	ALL
05-13-2017	SHOE, COMPOSITE BRAKE 2IN	ALL
05-13-2017	SHOE, COMPOSITE BRAKE 2IN	ALL
05-12-2017	GASKET, COVER EMD LOCOS	N/A
05-12-2017	FILTER, LUBE OIL	N/A
05-12-2017	FILTER, APU & AIR COMP LUBE OIL	N/A
05-12-2017	ELEMENT, AIR COMPRESSOR FILTER, ROUND	N/A
05-12-2017	ELEMENT, SPIN ON FUEL FILTER	N/A
05-12-2017	FILTER, AIR MEDIA AMERICAN	N/A
05-12-2017	ELEMENT, FIBERGLASS BAGGY TYPE FILTER	N/A
05-12-2017	LOCO SAMPLE BOTTLE W/ LID, PLASTIC	N/A
04-22-2017	MODULE, TMV, PS CPU	N/A
04-21-2017	MOTOR, STARTER, 32VDC	ALL
04-15-2017	MOTOR, STARTER, 32VDC	N/A
04-15-2017	RESISTOR, RE8/RE9/RE11/RE12, .16 OHMS	N/A
03-18-2017	SUPPORT, SAFETY CHAIN	LH
02-17-2017	SHOE, COMPOSITE BRAKE 2IN	ALL
02-17-2017	SHOE, COMPOSITE BRAKE 2IN	ALL
02-17-2017	GASKET COVER FUEL OIL FILTER	N/A
02-17-2017	FILTER, LUBE OIL	N/A
02-17-2017	ELEMENT, SPIN ON FUEL FILTER	N/A
02-17-2017	LOCO SAMPLE BOTTLE W/ LID, PLASTIC	N/A
02-17-2017	BRUSH, GRADE AG137	ALL
02-17-2017	BRUSH, TRACTION MOTOR SD60 EMD 9582217	ALL
02-17-2017	BRUSH, GRADE AG137	ALL
02-17-2017	BRUSH, TRACTION MOTOR SD60 EMD 9582217	ALL
01-18-2017	NOZZLE, SAND	N/A
01-09-2017	MODULE, TMV, IO	N/A

UNSCHEDULED SHOPPING HISTORY

04-19-2017	CHA	Ready
01-16-2017	CHA	Ready

LATEST WHEEL DATA

AXLE	LRT	LFH	LFT	RRT	RFH	RFT
1	2 11/16	1 2/16	1 7/16	2 12/16	1 2/16	1 8/16

UNIT INFORMATION SHEETS FOR NS 2416 AT SHOP SCX ON 07/10/17 PAGE 3

TASKS AND INFO LISTED ARE VALID THROUGH END OF (ML949A)  
SHOPPING COMMENCING ON DATE SHOWN AT TOP OF PAGE

2	3	0/16	1	3/16	1	6/16	3	1/16	1	3/16	1	7/16
3	2	11/16	1	2/16	1	7/16	2	11/16	1	2/16	1	7/16
4	3	0/16	1	3/16	1	6/16	3	0/16	1	3/16	1	7/16

KIPS READING &gt; 75

POS PEAK DATE  
HAS NO WHEEL DATA AVAILABLE

OPEN ACCIDENTS

HAS NO OPEN ACCIDENTS

TROUBLE HISTORY

TT 06-22-2017 STORE UNIT  
UNIT TROUBLE COMMENTS:  
STORE UNIT AND TOW TO SCX PER MARCUS FOGLE  
RESOLVED: BY:

TT 04-18-2017 ELECTRICAL WIRING TROUBLE  
UNIT TROUBLE COMMENTS:  
UNIT WILL NOT REVERSE.  
MECH DEPT ASSESSMENT COMMENTS:  
FOUND UNIT WILL NOT "THROW" REVERSER. FOUND POS. LVG WHEN RUNNING AND NEG.  
LVG WHEN SHUT DOWN. RER KEEPING KEPT UP WHEN REVERSER THROWN UNLESS  
USING A TESTLIGHT TO DISCHARGE LVG  
MECH DEPT RESOLUTION COMMENTS:  
RENEWED STARTERS. CORRECTED WIRING TO REV MOTOR AND WIRING TO TB18,  
LOADING AND STALL TESTING GOOD, 18 POINT OK, CHECKED IN MANUAL MODE AND  
REMOTE MODE WITH NS 2388  
COMPONENT(S) USED:  
MODULE, TMV, PS CPU  
MOTOR, STARTER, 32VDC  
RESOLVED: 04-23-2017 11:16 BY: MAXSB

ME 01-30-2017 DAILY SERVICING / SUPPLIES L  
UNIT TROUBLE COMMENTS:  
NON-COMPLYING - LCDI CAT: SAND SYS PROBLEM , DEF: SAND LOW OR OUT, OTHER,  
THE SANDERS WORK BACKWARDS. WHEN SANDER SWITCH IS TOWARD LONG HOOD IT  
SANDS SHORT HOOD DIRECTION AND OPPOSIT  
MECH DEPT RESOLUTION COMMENTS:  
INSP AND FOUND LONG HOOD SAND TRAPS CUT OUT. CUT TRAPS BACK IN. UNIT WAS  
SANDING OPPOSITE OF THE WAY THE REVERSER WAS THROWN. WENT THRU PRINT AND  
FOUND SAND RELAY WAS WIRED BACKWAR  
RESOLVED: 01-31-2017 05:29 BY: UZ3ZZ

ME 01-16-2017 DAILY SERVICING / SUPPLIES L  
UNIT TROUBLE COMMENTS:  
LCDI CAT: SAND SYS PROBLEM , DEF: SAND LOW OR OUT, OTHER,

UNIT INFORMATION SHEETS FOR NS 2416 AT SHOP SCX ON 07/10/17 PAGE 4

TASKS AND INFO LISTED ARE VALID THROUGH END OF (ML949A)  
 SHOPPING COMMENCING ON DATE SHOWN AT TOP OF PAGE

## MECH DEPT RESOLUTION COMMENTS:

FILLED WITH SAND CLEANED LHE SAND TRAP ,SAND IS WORKING WITHOUT EXCEPTION  
 . 17 POINT CHECKED GOOD

## COMPONENT(S) USED:

NOZZLE, SAND

RESOLVED: 01-18-2017 18:53 BY: TPIER

NOZZLE, SAND

## LAB ANALYSIS HISTORY

	PB	CU	FE	AL	SI	CR	B	ZN	V100	%F	HD	PPI	OS
05-29-2017	11	10	22	2	7	1	2	1	14.7	214	21	41	29
05-11-2017	16	15	33	3	12	2	2	3	13.5	216	19	49	32
05-02-2017	15	14	34	3	12	1	1	2	15.0	213	18	45	30
04-24-2017	12	14	27	3	10	2	3	1	14.8	213	19	50	32
04-03-2017	14	16	31	3	12	2	2	2	14.9	214	18	50	33
03-23-2017	9	13	21	3	8	2	1	1	14.9	209	16	44	30
03-18-2017	6	11	16	3	6	1	1	1	14.9	220	17	51	33
02-17-2017	11	11	17	1	7	2			14.7	217	17	48	32
01-22-2017	19	14	36	1	14	1		3	14.6	218	20	51	33
01-09-2017	15	15	33	2	13	1	1	3	14.5	224	20	52	34

## NOTICES DUE

MDH MO 6229 INSTALL QUANTUM CMU - REMOVE ATD

MDH MO 6826 TMV Control System Upgrade

MDH WR 207 Software: TMV TECU Revisions ý2015-03ý

## UNRESOLVED LAB DATA

05-29-2017: ADD 2.25 GALLONS OR 3 POUCHES OR 18 BAGS OF BORON TREATMENT.  
 SYSTEM: COOLING