CASE
CONSTRUCTION

OPERATOR'S MANUAL

COMPACT CRAWLER EXCAVATOR

CX50B
TIER 4

PJ06-08890-
S2PJ00042ZE01 NA

Issued 01Nov 08

MidWestTech | Case CX50B Tier 4 Compact Crawler Excavator Operator's Manual | Public...

Order the manual at mid-west-tech.com >

TABLE OF CONTENTS

CHAPTER 1
GENERAL INFORMATION
To the Owner 1-1
Right, Left, Front, and Rear of the Machine 1-2
Machine Components 1-3
Identification Numbers 1-4

CHAPTER 2
SAFETY, DECALS, AND HAND SIGNALS
Table of Contents 2-1
Safety Rules 2-3
Operator Precautions 2-5
Decals 2-10
Hand Signals 2-25

CHAPTER 3
INSTRUMENTS AND CONTROLS
Table of Contents 3-1
Operator Cab and Operator Seat 3-3
Machine Access Compartments and Doors 3-7
Operator's Compartment Controls and Accessories 3-8

CHAPTER 4
OPERATING INSTRUCTIONS
Table of Contents 4-1
Before Operating the Machine 4-3
Operating the Machine 4-3
Starting and Stopping Machine Engine 4-4
Starting and Stopping Machine Engine in Cold Climates 4-5
Control Decal 4-9
Basic Operation of Hydraulic Controls 4-10
Practices to Improve Efficiency 4-16
Hydraulic Breaker 4-20
Transportation 4-26
Machine Storage 4-30

CHAPTER 5
LUBRICATION, FILTERS, AND FLUIDS
Table of Contents 5-1
Fluids and Filters 5-3
Lubricant Specifications 5-5
Use of Bio-Degradable Oils 5-5

CHAPTER 6
MAINTENANCE AND ADJUSTMENTS
Table of Contents 6-1
General Information 6-3
General Safety 6-3
Releasing Pressure in the Hydraulic System 6-6
Lubrication and Maintenance Quick Reference Chart 6-8
Daily Inspection and Maintenance 6-10
50 hour maintenance: 6-17
250 Hour Maintenance 6-25
500 Hour Maintenance 6-30
1000 Hour Maintenance 6-34

MidWestTech | Case CX50B Tier 4 Compact Crawler Excavator Operator's Manual | Public... Order the manual at mid-west-tech.com >

1500 Hour Maintenance 6-37
2000 Hour Maintenance 6-38
5000 Hour Maintenance 6-47
Special Procedures 6-48

CHAPTER 7
ELECTRICAL
Table of Contents 7-1

CHAPTER 8
SPECIFICATIONS
Table of Contents 8-1
General Specifications 8-3
Lifting Capacities 8-10
Torque Specifications 8-11

CHAPTER 9
INDEX

MidWestTech | Case CX50B Tier 4 Compact Crawler Excavator Operator's Manual | Public... Order the manual at mid-west-tech.com >