MB 4/94
Unimog

Operators Manual

9-3401

CASE
CONSTRUCTION

MidWestTech | Case MB 4/94 Unimog Operator's Manual | Publication 9-3401

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

TABLE OF CONTENTS

Safety 2
Safety Rules 2
Pre-Starting 2
Operation 5
Service 10
Roll-Over Protective Structure 13
Introduction 16
To the Owner 16
Serial Number Location 17
After Delivery Checkup 18
Specifications 19
Engine 19
Power Train 19
Cooling System 20
Electrical System 20
Steering Hydraulic System 20
Unimog Hydraulic System 20
High Capacity Hydraulic System 20
Brake System 20
Capacities 21
Travel Speeds 21
Tires 22
Tire Inflation Chart 23
Operating Weights 24
Basic Unimog Dimensions 24
Unimog Three-Point Hitch 25
Power Takeoff 25
Operating Instructions 26
Instrument Panel and Control Location 26
Control Operation 32
Four Way Flasher 32
Windshield Wiper and Washer Switch 32
Key Switch 32
Optional Headlights 33
Unimog Power Brake Control 34
Turn Signal, Horn and Headlight Control 35
Hand Throttle 35
Start Pilot (Ether Starting Aid) 36
Unimog Hydraulic Controls 38
Unimog Hydraulic Connections 38
Heater 43
8 x 4 Transmission Controls 44
20 x 8 Transmission Controls 45
High Capacity Hydraulic Pump Control 49
Four Wheel Drive and Differential Lock 50
PTO Control 51
PTO Stationary Operations 52
PTO Selector 53
Operator's Seat 54
Passenger's Seat 55
Seat Belt 55
Parking Brake Control 56
Engine Operation 57
Run-In 57
Starting the Engine 57
Warm-Up 59
Idling 59
Stopping 60
Starting Aids 60
Hot Weather Operation 62
Cold Weather Operation 62
Unimog Operation 64
Selecting Travel Speeds 64
Steering 65
Overloading 65
Shifting Gears 65
Clutch 66
Rough Terrain Operation 66
Traction 67
Job-to-Job Travel 67
Towing 68
Wheels and Tires 69
Folding Top and Windshield 73
Unimog Three-Point Hitch 77
Power Takeoff 81
Fuels and Lubricants 83
Diesel Fuel 83
Fuel, Fluids and Lubricants Chart 85
Maintenance 86
Run-In Maintenance Chart 87
Scheduled Maintenance Chart 88
Minimum Usage Maintenance Chart 91
Grease Fittings 92
Engine Lubrication System 93
Air Cleaning System 95
Engine Cooling System 98
Fuel System 101
Electrical System 106
Fuses 107
Lights 108
Starter Motor 112
Battery 112
Compressed Air System 117
Brakes 120
Clutch 124
Unimog Hydraulic System 125
High Capacity Hydraulic System 127
Transmission 129
Front and Rear Axles 130
Steering System 132
Engine Valve Adjustment 134
Drive Belts 134
PTO Centralizer 136
Differential Locks 136
Windshield Wiper Replacement 137
Windshield Washer 137
Folding Top Cleaning 138
Fender Removal 138
PTO Shaft Lubrication 139
Seat Belt Inspection and Care 139
Machine Storage 140
Reactivating Machine 142
After Delivery Checkup 143

MidWestTech | Case MB 4/94 Unimog Operator's Manual | Publication 9-3401 Order the manual at mid-west-tech.com >