40 BLC Excavator

Parts Catalog

S406176M3

CASE CONSTRUCTION

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

TABLE OF CONTENTS

GENERAL ..... **II THRU VIII**
Nomenclature VIII
Parts Section Introduction II
Product Identification Number III
Table of Contents ..... IV thru VII

CRAWLER UNDERCARRIAGE AND ATTACHING PARTS (Less Hydraulics) ..... **1 THRU 41**
20 Roller - 92 Track Shoes
Crawler Undercarriage and Attaching Parts for:
STANDARD GAUGE TRACK Units 4,5
WIDE GAUGE TRACK Units 6,7
Drive Motors - (See Pages 156 thru 239)
Drive Motor Guards 10,11
Drive Motor Hydraulics - (See Pages 187 thru 189)
Final Drive Transmissions ..... 34 thru 41
Front Idler Wheel and Track Adjuster 12,13
Track Adjustment Cylinder 32
Track Brakes - (See Pages 136 thru 141)
Track Brake Hydraulics - (See Pages 122 and 123)
Track Guard Group 8,9
Track Rollers ..... 14 thru 23
Track Shoes, Pins and Rollers 30,31
Track Tread Adjusting Jack for STANDARD GAUGE TRACK Units 33
Turntable Leveler With Pins and Hardware for:
STANDARD GAUGE TRACK Units 1
WIDE GAUGE TRACK Units 2,3

ENGINE AND DROTT ATTACHING PARTS ..... **42 THRU 61**
Air Cleaner for:
CASE 504BD Diesel Engine 51
DETROIT DIESEL 4-71 Engine 52,53
Engine and Attaching Parts for:
CASE 504BD Diesel Engine 42,43
DETROIT DIESEL 4-71 Engine 44,45
Fuel Tank and Lines 58,59
Hydraulic Pump - (See Page 231)
Hydraulic Pump Adaption - (See Item 1 on Page 42 or Item 9 on Page 44)
Muffler With Spark Arrestor ..... 46 thru 49
Radiator, Oil Cooler and Hoses ..... 54 thru 57
Throttle and Shut Off Control Cables 60,61

UPPERSTRUCTURE WITH: BOOMS AND UPPER CONTROLS (Less Hydraulics) ..... **62 THRU 116**
Booms:
Main Boom and Pins 78,79
Tool Boom, Links and Pins 80,81
Boom Guards 82
Cab:
Cab and Attaching Parts 68,69
Cab Insulation 72
Front Cab Window and Attaching Parts 70,71
Seat Assembly 74,75

Reissued June 1979

MidWestTech | Case 40 BLC Excavator Parts Catalog | Publication S406176M3 Order the manual at mid-west-tech.com >

TABLE OF CONTENTS (CON'T.)

UPPERSTRUCTURE WITH: BOOMS AND UPPER CONTROLS (Less Hydraulics) (CON'T.)
Functional Controls:
Auxiliary for:
16" Feller Buncher 84,85
20" and 24" Feller Buncher 86,87
Crowd 88,89
Hoist 90,91
Swing 92,93
Tool 94,95
Heavy Lift Attachment 83
Swing Brake ..... 112 thru 115
Swing Brake Control 116
Swing Reducer ..... 104 thru 111
Swing Reducer Identification 103
Turntable Bearing Lubrication Line 77
Turntable, Counterweight, Bearing and Attaching Parts 62,63,65
Turntable Guards 67
Turntable Shrouding and Attaching Parts ..... 96 thru 102

CONTROLS (UPPER AND LOWER) WITH HYDRAULICS ..... 117 THRU 153
Crawler Detent Control and Linkage 120,121
Left Track Pedal Control and Linkage 118,119
Leveler Control and Linkage 145
Leveler Hydraulics for:
STANDARD GAUGE TRACK Units ..... 146 thru 149
WIDE GAUGE TRACK Units ..... 150 thru 153
Right Track Pedal Control and Linkages 117
Track Brakes ..... 136 thru 141
Track Brake Cylinder 142
Track Brake Hydraulics 122,123
Track Brake Service Swivel 131
Track Brake Valve 134
Track Brake Valve and Control Linkage 132,133
Track Drive Motor Hydraulics - (See Pages 187 thru 195)
Track Inner Brake Swivel 126

TOOL ATTACHMENT (WITH LINKS, PINS AND HYDRAULICS) ..... 154 THRU 174
Auxiliary Hydraulics for Feller Bunchers 172,173,174
Feller Bunchers:
16" Feller Buncher and Attaching Parts 154,155
16" Feller Buncher Hydraulics 156,157
20" Feller Buncher and Attaching Parts 158,159
20" Feller Buncher Hydraulics 160,161
24" Feller Buncher and Attaching Parts 162,163
24" Feller Buncher Hydraulics 164,165
Feller Buncher Collector and Attaching Parts 166,167
Feller Buncher Collector Hydraulics 168,169,171
Auxiliary Hydraulics - (From Main Control Valves to Boom) 306,307
Auxiliary Hydraulics - (From Boom to Rotary Cutter) 308,309
Cutter Arm and Attaching Parts 302,303
Decals 360,361
Drive Mechanism 304,305
Guards and Attaching Parts 300,301
Main Frame and Attaching Parts 298,299

Reissued June 1979

MidWestTech | Case 40 BLC Excavator Parts Catalog | Publication S406176M3 Order the manual at mid-west-tech.com >

TABLE OF CONTENTS (CON'T.)

TOOL ATTACHMENT (WITH LINKS, PINS AND HYDRAULICS) (CON'T.)
- Rotary Cutter Components ..... 334 thru 353
  - Motor and Pump Assembly ..... 334 thru 337
    - Motor 334,335
    - Pump 336,337
  - Swivel ..... 338 thru 341
  - Valves:
    - Check Valves ..... 342 thru 345
    - Directional Valves 350,351
    - Diverting Valve 352,353
    - Relief Valves ..... 346 thru 349
- Rotary Cutter Hydraulics ..... 310 thru 333
- Tool Grinder:
  - Tool Grinder 358,359
  - Tool Grinder Stand and Attaching Parts ..... 354 thru 357

HYDRAULIC CIRCUITS, FITTINGS AND HARDWARE ..... 176 THRU 201
- Crowd Cylinder Hydraulics 183
- Drain Hydraulics 198,199,201
- Hoist Cylinder Hydraulics 182
- Main Valves to Reservoir and Cooler Hydraulics ..... 178 thru 181
- Reservoir to Pump to Main Valve Hydraulics 176,177
- Tool Cylinder Hydraulics 184,185
- Track Drive Motor Hydraulics:
  - Drive Brake Tubing 124,125
  - Main Valves to Swivel 187
  - Swivel to Track Drive Motors ..... 188 thru 195
- Swing Motor Hydraulics 196,197

HYDRAULIC COMPONENTS AND MOUNTING HARDWARE ..... 202 THRU 263
- Cylinders:
  - Collector Actuator for Feller Bunchers 220,221
  - Crowd ..... 202 thru 209
  - Grab Arm for:
    - 16" Feller Buncher 216,217
    - 20" and 24" Feller Buncher 218
  - Hoist ..... 202 thru 209
  - Leveler for:
    - STANDARD GAUGE TRACK Units 222
    - WIDE GAUGE TRACK Units 223
  - Shear Arm for:
    - 16" Feller Buncher 211
    - 20" Feller Buncher 212,213
    - 24" Feller Buncher 214,215
  - Tools for:
    - 16" and 20" Feller Buncher 210
    - 24" Feller Buncher ..... 202 thru 209
- Hydraulic Oil Filters 240,241
- Hydraulic Oil Reservoir 230
- Main Hydraulic Pump 226,227
- Motors:
  - Track Drive ..... 232 thru 239
  - Swing for:
    - STANDARD GAUGE TRACK Units 231
    - WIDE GAUGE TRACK Units ..... 232 thru 235

MidWestTech | Case 40 BLC Excavator Parts Catalog | Publication S406176M3 Order the manual at mid-west-tech.com >