Case 40xt 60xt 70xt Skid Steer Workshop Service Repair Manual

Case 40xt 60xt 70xt Skid Steer The drive motors on Low Range Skid Steers are gerotor bearingless type supplied by Eaton. 75XT - VIS 40, 30 cir (cubic in per rev.) With brakes 70XT - VIS 40, 30 cir 60XT - VIS 40, 30 cir 40XT - VIS 30, 24 cir The gerotor motors require much more oil to complete one revolution than the pump cam put out in one revolution. Because of this difference in displacement, the motor output speed is much slower than the pump drive speed and also the motor output torque is much higher than what is required to drive the pump.

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PRESENTATION CAPACITIES AND LUBRICANTS FUEL TANK Capacity
.................................................................................................................................................. 83.3 litres (22 U.S. gallons)
Specifications ..................................................................................................................... See diesel fuel specifications on page 5 COOLING SYSTEM Capacity
.................................................................................................................................................. 16.6 litres (17.5 quarts)
Recovery bottle capacity ............................................................................................ 2 litres (2.1 quarts) Specifications ............................................................................................. 50% water and 50% ethylene glycol HYDRAULIC SYSTEM Capacity - System
.................................................................................................................................................. 50.2 litres (13.3 gallons)
Specifications ........................................................................................................ Case No. 1 Engine Oil SAE 10W30 ........................................................................................................................................... add 1.4 litres (1.5 quarts) HTA Wear Additive CHAIN COMPARTMENTS Capacity - Each Side
Specifications ............................................................................................................ 5.7 litres (6.0 quarts)

Case No. 1 Engine Oil, SAE 10W30 BATTERY Quantity .................................................................

.............................As required

Specifications.......................................................................................................................... ÖDistilled water GREASE FITTINGS Quantity

.........................................................................................................................................As required

Attachments (if equipped) ..................................................................................................... Quantity

as required Specifications .............................................................................................................. Case molydisulfide grease ENGINE CRANKCASE OIL Capacity - with filter change

.............................................................................................. 10.4 litres (11.0 quarts) Capacity - without

filter change ........................................................................................... 9.5 litres (10.0 quarts)

Specifications ................................................................. Case No. 1 Engine Oil SAE 15W-40 (API service CH-4) .................................................................................... (See Oil Viscosity/Temperature Ranges Chart on page 4) ENVIRONMENT Before you service this machine and dispose of oil, fluids and lubricants, always remember the environment. Do not put oil or fluids into the ground or into containers that can leak. Check with your local environmental, recycling center or your Case dealer for correct disposal information.