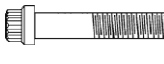


CUMMINS



ENGINE: 6BT5.9L

BORE: 4.0165"	6 Cyl	Diesel	NOTES: Fracture Split Rods, Piston Stamped 7416, 7417, 7418, 7419, 7420
APPLICATION: Feller Bunchers: Hydro-Ax 470 (CPL8236);			
Provide Engine Serial # To Verify All Parts			

	QTY	ITEM #	DESCRIPTION	LETTERED ITEMS INCLUDED IN KIT				
								
	6	131435	STD A Piston Kit (Includes Pin & Rings) (1)					
	6	131438	0.50 MM Piston Kit (Includes Pin & Rings)					
	6	131439	1.00 MM Piston Kit (Includes Pin & Rings)					
	6	131167	Piston Pin (3.255" OAL)					
	6	131149	Repair Liner (4.118" OD / 7.875" OAL)					
	6	131427	STD Piston Ring Set					
	6	131428	0.50 MM Piston Ring Set					
	6	131429	1.00 MM Piston Ring Set					
	6	231163	STD Rod Bearing, w/Fracture Split Rods					
	6	231164	0.25MM Rod Bearing, w/Fracture Split Rods					
	6	231165	0.50MM Rod Bearing, w/Fracture Split Rods					
	6	231166	0.75MM Rod Bearing, w/Fracture Split Rods					
	6	231167	1.00MM Rod Bearing, w/Fracture Split Rods					
	1	231145	STD Main Bearing Set					
	1	231146	0.25MM Main Brg Set					
	1	231147	0.50MM Main Brg Set (2)					
	1	231148	0.75MM Main Brg Set					
	1	231149	1.00MM Main Brg Set (3)					
	1	331147	Head Gasket Set, Thru April 2003 (Ring & Band Seals)					
	1	331249	Head Gasket Set, After April 2003 (Top Hat Seals)					
	1	331148	STD Head Gasket (4)					
	12	331163	Positive Valve Seal (Orange / Ring & Band Type)					
	12	331236	Positive Valve Seal (Blue / Top Hat)					
	6	331153	Valve Cover Gasket					
	1	331162	Full Gasket Set w/Seals, Thru Apr 2003 (Ring & Band Seals)					
	1	331161	Lower Gasket Set w/Seals "Includes 331159 Pan Gkt"					
	1	331158	Tappet Cover Gasket					
	1	331224	Pan Gasket Set (.060" Thick)					
	1	331155	Front Crank Seal "For OS Seal & Sleeve Kit Use 331188"					
	1	331156	Front Crank Thin Wall Wear Sleeve "Use w/Standard Seal"					
	1	331123	STD Rear Crank Seal (Dry Housing)					
	1	331124	OS Rear Crank Seal & Wear Sleeve Kit (Dry Housing)					
	1	331125	STD Rear Crank Seal (Wet Housing)					
	1	331126	OS Rear Crank Seal & Wear Sleeve Kit (Wet Housing)					
	1	331128	Rear Crank Thin Wall Wear Sleeve "Use w/Standard Seal"					
	6	231161	Pin Bushing					
	1	231154	Cam Bearing, Front (58 MM OD Oversize Also Available) (5)					
	6	231153	Cam Bearing, Intermediate & Rear (Requires Machining) (5)					
	12	731157	Rod Bolt, w/Fracture Split Rods					
	1	731134	Head Bolt Kit					

(1)Grade B Piston Kit Use 131436; Grade C Piston Kit Use 131437

(2)Optional .020 Oversize Thrust Brg - 231169

(3)Optional .040 Oversize Thrust Brg - 231179

(4)Use 331149 For +.010 or 331151 For +.020

(5)Cam Plug Kit: 731137

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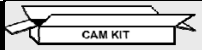
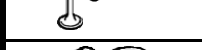
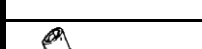
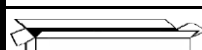
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CUMMINS



ENGINE: 6BT5.9L

BORE: 4.0165"	6 Cyl	Diesel	NOTES: Fracture Split Rods, Piston Stamped 7416, 7417, 7418, 7419, 7420
APPLICATION: Feller Bunchers: Hydro-Ax 470 (CPL8236);			
Provide Engine Serial # To Verify All Parts			

	QTY	ITEM #	DESCRIPTION	LETTERED ITEMS INCLUDED IN KIT				
	1	939514	Camshaft Kit					C
	1	939117	Valve Train Kit				V	
	1	531128	Camshaft					C
	1	531112	Cam Thrust Plate					C
	12	531113	Tappet					C
	6	431143	Exhaust Valve				V	
	6	431144	Intake Valve				V	
	12	431145	Ex/In Service Repair Valve Guide (.439 OD / 2.500" OAL)					
	6	431146	Exhaust Service Repair Valve Guide (.552 OD / 2.052" OAL)					
	6	431147	Intake Service Repair Valve Guide (.552 OD / 2.397" OAL)					
	12	431158	Valve Spring (.160 Wire Dia)				V	
	24	431149	Valve Keeper (Half)				V	
	12	431151	Valve Spring Retainer					
	6	431152	Exhaust Valve Seat (OEM Special Size)					
	6	401138	Exhaust Valve Seat (Universal Size / Uses Standard Cutter)					
	6	431153	Intake Valve Seat (OEM Special Size)					
	6	401139	Intake Valve Seat (Universal Size / Uses Standard Cutter)					
	6	431154	Rocker Arm, Exhaust					
	6	431155	Rocker Arm, Intake					
	6	431156	Rocker Arm Support & Shaft					
	1	531123	Cam Gear					
	1	531124	Crank Gear					
	1	531125	Injection Pump Drive Gear					
	12	531126	Push Rod					
	1	631119	New Oil Pump					
	1	631124	Oil Cooler					
	6	631126	Piston Cooling Nozzles					
	1	731112	Crankshaft					
	6	731175	Connecting Rod (Fracture Split / CDC Plant) (7)					
	1	731136	Damper Pulley Assembly					
	1	731138	Expansion Plug Kit (Includes 26 Plugs For Head & Block)					
	1	831177	Thermostat (202°)					
	1	831134	New Water Pump (Non-Hardened Pulley) (8)					
	1	831118	Fan Drive Bearing (1.375" ID)					
	1	831147	Belt Tensioner Assembly					
	1	831136	Fuel Transfer Pump					
	12	831138	Exhaust Manifold Bolt "Stainless Steel Option - 831175"					

(7)Use 731183 For DEP Plant (Do Not Mix)

(8)Use 831143 For Hardened Pulley

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