

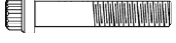
INTERNATIONAL



ENGINE: C221 (Early Piston & 3 3/4" Thrust)
Thru ESN 35093

BORE: 3.5625" 6 Cyl Gas & LP NOTES: Early Engines w/Step Head Piston, 3 3/4" Thrust Main Brg Flange Diameter

APPLICATION: Power Units: U221;
Tractors: 460 Thru ESN35093;

	QTY	ITEM #	DESCRIPTION	LETTERED ITEMS INCLUDED IN KIT					
	1	944239	In-Frame Kit, STD Liners & Cast Oil Rings (1)						I
	1	944289	In-Frame Kit, .003 Oversize Liners & Cast Oil Rings						I
	1	945239	Out-of-Frame Kit, STD Liners & Cast Oil Rings (1)					O	
	1	945289	Out-of-Frame Kit, .003 Oversize Liners & Cast Oil Rings					O	
	1	945291	Out-of-Frame Kit, .005 Oversize Liners & Cast Oil Rings					O	
	1	945292	Out-of-Frame Kit, .010 Oversize Liners & Cast Oil Rings					O	
	6	141142	Sleeve & Piston Assembly, STD Liner & Cast Oil Rings (1)					O	I
	6	141143	Sleeve & Piston Assembly, .003 OS Liner & Cast Oil Rings					O	I
	6	141144	Sleeve & Piston Assembly, .005 OS Liner & Cast Oil Rings					O	
	6	141145	Sleeve & Piston Assembly, .010 OS Liner & Cast Oil Rings					O	
	6	141441	Piston Assembly						
	6	141294	Cylinder Liner, STD OD						
	6	141295	Cylinder Liner, .003 Oversize OD						
	6	141296	Cylinder Liner, .005 Oversize OD						
	6	141298	Piston Ring Set, HD Cast Oil Ring (2-3/32 1-1/4)						
	6	141299	Piston Ring Set, LD 3 Pc Oil Ring (2-3/32 1-1/4)						
	6	241186	STD Rod Bearing		O	O	O	O	I
	6	241187	.001 Rod Bearing						
	6	241188	.002 Rod Bearing						
	6	241189	.010 Rod Bearing						
	6	241191	.020 Rod Bearing						
	6	241192	.030 Rod Bearing						
	6	241193	.040 Rod Bearing						
	6	241194	.060 Rod Bearing						
	1	241214	STD Main Bearing Set (3 3/4" Thrust Flange Diameter)		O	O	O	O	I
	1	241215	.002 Main Bearing Set (3 3/4" Thrust Flange Diameter)						
	1	241216	.010 Main Bearing Set (3 3/4" Thrust Flange Diameter)						
	1	241217	.020 Main Bearing Set (3 3/4" Thrust Flange Diameter)						
	1	241218	.030 Main Bearing Set (3 3/4" Thrust Flange Diameter) (2)						
	1	341188	Head Gasket Set		O	O	O	O	I
	1	341189	Head Gasket						
	12	301114	Positive Valve Seal, Optional (Not in Gasket Sets) (3)						
	1	341191	Valve Cover Gasket						
	1	341195	Full Gasket Set w/Seals						
	1	341192	Lower Gasket Set w/Seals		O	O	O	O	
	1	341193	Tappet Cover Gasket						
	1	341194	Pan Gasket Set						I
	1	341196	Front Crank Seal						
	1	301115	Front Wear Sleeve, Optional (Not in Gasket Sets)						
	1	341197	Rear Crank Seal Kit (Includes Seal & Main Cap Plugs)						
	1	301116	Rear Wear Sleeve, Optional (Not in Gasket Sets)						
	6	241211	Pin Bushing						
	6	241212	Pin Bushing (.007 Oversize OD)						
	1	241213	Cam Bearing Set						
	12	741176	Rod Bolt						
	1	741177	Head Bolt Kit w/Washers						
	18	741178	Tappet Cover Screw w/Seal						

(1)Also Available w/LD 3 Pc Oil Ring

(2)For .010" Oversize Thrust Length Use 241538

(3)Use VST1812 Seal Tool

IH-221-I

8/1/2004

CLICK THE ITEM # TO VIEW OR PURCHASE PART

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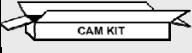
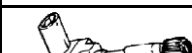
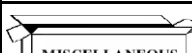
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	QTY	ITEM #	DESCRIPTION	LETTERED ITEMS INCLUDED IN KIT				
	1	949523	Cam Kit					C
	1	949314	Basic Valve Kit (Stellite Exhaust Valves)				B	
	1	949114	Valve Train Kit (Stellite Exhaust Valves)				V	
	1	541159	Rebuilt Camshaft					C
	1	541161	New Camshaft					
	1	541162	Cam Thrust Plate					
	1	541163	Camshaft Nut					
	1	541164	Camshaft Nut Lock					
	12	541113	Tappet					C
	6	441198	Exhaust Valve (Stellite)		V		B	
	6	441222	Intake Valve		V		B	
	6	441211	Exhaust or Intake Valve Guide (2.420" OAL)		V		B	
	6	441212	Intake Valve Guide, Special Alloy (2.240" OAL)		V		B	
	12	441213	Valve Spring		V		B	
	6	441214	Valve Rotator		V			
	24	441116	Valve Keeper (Half)		V		B	
	6	441215	Exhaust Valve Seat					
	6	441216	Exhaust Valve Seat, .015 Oversize					
	6	441223	Intake Valve Seat					
	12	441218	Rocker Arm					
	12	441219	Rocker Arm Adjusting Screw					
	6	441224	Rocker Arm Shaft Spring					
	2	441221	Rocker Arm Shaft					
	1	541165	Cam Gear					
	1	541166	Crank Gear					
	1	541167	Idler Gear					
	1	541168	Idler Gear Bushing					
	1	541172	Governor Drive Gear					
	12	541173	Push Rod					
	1	641152	New Oil Pump (Use w/Floating Screen)					
	1	641148	Oil Pump Kit, Late Style (10 Tooth / 1.555" OD Gears)					
	1	641154	Oil Pressure Regulating Spring					
	1	641155	Oil Pressure Regulating Valve					
	1	641153	Spin-On Filter Conversion Kit (Filter not Included)					
	1	721118	Cam Plug (Stainless Steel)					
	5	721118	Block Plug, Side (Stainless Steel)					
	2	721117	Block Plug, End (Stainless Steel)					
	1	721118	Head Plug (Stainless Steel)					
	1	841193	Heat Riser Kit (Valve, Shaft, Bushings, Weight, Spring)					
	1	841194	Breather Element In Tube (Tater Tot)					
	1	841188	Thermostat					
	1	841189	Block Heater					
	1	841191	Water Pump					
	1	841192	Bypass Hose					

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