



## IPD TECHNICAL BULLETIN

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*IPD Technical Bulletin:*

### **Introduction: Caterpillar® “C” Series Engine Information**

This Technical Bulletin provides engine and market application information on 17 basic configurations of Caterpillar® “C” series engines, from the C7 model to the C280-16 model (see attached chart for details).

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## Introduction: "C" Series Model Engine & Applications

Engine Model (above 105mm)	Aspiration	Engine	Bore (mm)	Bore (inch)	Bore type	Cyl.	Displ. (liters)	Prod. Start	Offered by IPD?	Applications					
										AG	Construction	Industrial	Marine Propulsion	Medium & Heavy Vehicles	Power Generation
C7	Turbo- charged	175 TO 455	110	4.33	Parent bore block	6	7.24	2003	Targeted for late 2011		X	X	X	X	
C9	Turbo- charged	275 TO 567	112	4.4	Wet Sleeve	6	8.81	2001	Available now	X	X	X	X	X	X
C10	Turbo- charged	280 tp 370	125	4.92	Wet Sleeve	6	10.31	1997	Targeted for mid-2011		X	X		X	
C11	Turbo- charged	305 TO 450	130	5.12	Wet Sleeve	6	11.15	2003	Under consideration		X	X		X	
C12	Turbo- charged	355 TO 700	130	5.12	Wet Sleeve	6	11.95	1997	Available now	X	X	X	X	X	
C13	Turbo- charged	305 TO 525	130	5.12	Wet Sleeve	6	12.50	2003	Under consideration	X	X	X		X	
C15	Turbo- charged	355 TO 865	137	5.39	Wet Sleeve	6	14.59	1999	Available, expansion targeted for 2011	X	X	X	X	X	X
C16	Turbo- charged	575	140	5.51	Wet Sleeve	6	15.79	1999	Under consideration	X	X	X		X	
C18	Turbo- charged	700 TO 1150	145	5.71	Wet Sleeve	6	18.13	2002	Gasket kits & bearing available, expansion Under consideration	X	X	X	X	X	X
C27	Turbo- charged	1150 TO 1250	137.2	5.4	Wet Sleeve	12	27.03	2005	Under consideration		X	X			X
C30	Turbo- charged	1550	145	5.71	Wet Sleeve	12	30.20	2002	Under consideration				X		
C32	Turbo- charged	1350 TO 1825	145	5.71	Wet Sleeve	12	32.10	2004	Under consideration		X	X	X		X
C175	Turbo- charged	4895	175	6.89	Wet Sleeve	16	85.00	2007	Under consideration						X
C280-6	Turbo- charged	2722	280	11.02	Wet Sleeve	6	110.84	2006	Under consideration			X	X		
C280-8	Turbo- charged	3396	280	11.02	Wet Sleeve	8	147.78	2006	Under consideration			X	X		
C280-12	Turbo- charged	5992	280	11.02	Wet Sleeve	12	221.67	2006	Under consideration			X	X		
C280-16	Turbo- charged	7992	280	11.02	Wet Sleeve	16	295.56	2006	Under consideration			X	X		