

CENTRI DIESEL ENGINE APPLICATION CHART
BASED ON ENGINE CFM AND OPERATING RPM

(TURBOCHARGED DIESEL ENGINES)

LITERS	@ 2400 RPM			@ 2200 RPM			@ 2100 RPM			@ 2000 RPM			@ 1800 RPM		
	CID	CFM	CENTRI MODEL	CID	CFM	CENTRI MODEL	CID	CFM	CENTRI MODEL	CID	CFM	CENTRI MODEL	CID	CFM	CENTRI MODEL
1.5	92	102	EX-25	92	93	EX-20	92	89	EX-20	92	85	EX-20	92	76	EX-20
2.0	122	136	EX-25	122	124	EX-25	122	119	EX-25	122	113	EX-25	122	102	EX-25
2.5	153	170	EX-25	153	155	EX-25	153	148	EX-25	153	141	EX-25	153	127	EX-25
3.0	183	203	EX-40	183	186	EX-25	183	178	EX-25	183	170	EX-25	183	153	EX-25
3.5	214	237	EX-40	214	218	EX-40	214	208	EX-40	214	198	EX-40	214	178	EX-25
4.0	244	271	EX-40	244	249	EX-40	244	237	EX-40	244	226	EX-40	244	203	EX-40
4.5	275	305	EX-40	275	280	EX-40	275	267	EX-40	275	254	EX-40	275	229	EX-40
5.0	305	339	EX-40	305	311	EX-40	305	297	EX-40	305	283	EX-40	305	254	EX-40
5.5	336	373	EX-40	336	342	EX-40	336	326	EX-40	336	311	EX-40	336	280	EX-40
6.0	366	407	EX-50	366	373	EX-40	366	356	EX-40	366	339	EX-40	366	305	EX-40
6.5	397	441	EX-50	397	404	EX-50	397	386	EX-40	397	367	EX-40	397	331	EX-40
7.0	427	475	EX-50	427	435	EX-50	427	415	EX-50	427	396	EX-50	427	356	EX-40
7.5	458	509	EX-50	458	466	EX-50	458	445	EX-50	458	424	EX-50	458	381	EX-40
8.0	488	542	EX-50	488	497	EX-50	488	475	EX-50	488	452	EX-50	488	407	EX-50
8.5	519	576	EX-50	519	528	EX-50	519	504	EX-50	519	480	EX-50	519	432	EX-50
9.0	549	610	EX-50	549	559	EX-50	549	534	EX-50	549	509	EX-50	549	458	EX-50
9.5	580	644	EX-50	580	590	EX-50	580	564	EX-50	580	537	EX-50	580	483	EX-50
10.0	610	678	EX-50	610	622	EX-50	610	593	EX-50	610	565	EX-50	610	509	EX-50
10.5	641	712	EX-60	641	653	EX-50	641	623	EX-50	641	593	EX-50	641	534	EX-50
11.0	671	746	EX-60	671	684	EX-50	671	653	EX-50	671	622	EX-50	671	559	EX-50
11.5	702	780	EX-60	702	715	EX-60	702	682	EX-50	702	650	EX-50	702	585	EX-60
12.0	732	814	EX-60	732	746	EX-60	732	712	EX-60	732	678	EX-50	732	610	EX-60
12.5	763	848	EX-60	763	777	EX-60	763	742	EX-60	763	706	EX-60	763	636	EX-60
13.0	793	881	EX-60	793	808	EX-60	793	771	EX-60	793	735	EX-60	793	661	EX-60
13.5	824	915	EX-60	824	839	EX-60	824	801	EX-60	824	763	EX-60	824	686	EX-60
14.0	854	949	EX-70	854	870	EX-60	854	831	EX-60	854	791	EX-60	854	712	EX-60
14.5	885	983	EX-70	885	901	EX-60	885	860	EX-60	885	819	EX-60	885	737	EX-60
15.0	915	1017	EX-70	915	932	EX-60	915	890	EX-60	915	848	EX-60	915	763	EX-60
15.5	946	1051	EX-70	946	963	EX-70	946	920	EX-60	946	876	EX-60	946	788	EX-60

(TURBOCHARGED AFTERCOOLED DIESEL ENGINES)

LITERS	@ 2400 RPM			@ 2200 RPM			@ 2100 RPM			@ 2000 RPM			@ 1800 RPM		
	CID	CFM	CENTRI MODEL	CID	CFM	CENTRI MODEL	CID	CFM	CENTRI MODEL	CID	CFM	CENTRI MODEL	CID	CFM	CENTRI MODEL
1.5	92	118	EX-25	92	108	EX-25	92	103	EX-25	92	98	EX-25	92	88	EX-20
2.0	122	157	EX-25	122	144	EX-25	122	137	EX-25	122	131	EX-25	122	118	EX-25
2.5	153	196	EX-25	153	180	EX-25	153	171	EX-25	153	163	EX-25	153	147	EX-25
3.0	183	235	EX-40	183	216	EX-40	183	206	EX-40	183	196	EX-40	183	176	EX-25
3.5	214	274	EX-40	214	252	EX-40	214	240	EX-40	214	229	EX-40	214	206	EX-40
4.0	244	314	EX-40	244	287	EX-40	244	274	EX-40	244	261	EX-40	244	235	EX-40
4.5	275	353	EX-40	275	323	EX-40	275	309	EX-40	275	294	EX-40	275	265	EX-40
5.0	305	392	EX-40	305	359	EX-40	305	343	EX-40	305	327	EX-40	305	294	EX-40
5.5	336	431	EX-50	336	395	EX-50	336	377	EX-40	336	359	EX-40	336	323	EX-40
6.0	366	470	EX-50	366	431	EX-50	366	412	EX-50	366	392	EX-40	366	353	EX-40
6.5	397	510	EX-50	397	467	EX-50	397	446	EX-50	397	425	EX-50	397	382	EX-40
7.0	427	549	EX-50	427	503	EX-50	427	480	EX-50	427	457	EX-50	427	412	EX-50
7.5	458	588	EX-50	458	539	EX-50	458	514	EX-50	458	490	EX-50	458	441	EX-50
8.0	488	627	EX-50	488	575	EX-50	488	549	EX-50	488	523	EX-50	488	470	EX-50
8.5	519	666	EX-50	519	611	EX-50	519	583	EX-50	519	555	EX-50	519	500	EX-50
9.0	549	706	EX-60	549	647	EX-50	549	617	EX-50	549	588	EX-50	549	529	EX-50
9.5	580	745	EX-60	580	683	EX-50	580	652	EX-50	580	621	EX-50	580	559	EX-50
10.0	610	784	EX-60	610	719	EX-60	610	686	EX-50	610	653	EX-50	610	588	EX-50
10.5	641	823	EX-60	641	755	EX-60	641	720	EX-60	641	686	EX-50	641	617	EX-50
11.0	671	862	EX-60	671	790	EX-60	671	755	EX-60	671	719	EX-60	671	647	EX-50
11.5	702	902	EX-60	702	826	EX-60	702	789	EX-60	702	751	EX-60	702	676	EX-50
12.0	732	941	EX-60	732	862	EX-60	732	823	EX-60	732	784	EX-60	732	706	EX-60
12.5	763	980	EX-70	763	898	EX-60	763	857	EX-60	763	817	EX-60	763	735	EX-60
13.0	793	1019	EX-70	793	934	EX-60	793	892	EX-60	793	849	EX-60	793	764	EX-60
13.5	824	1058	EX-70	824	970	EX-70	824	926	EX-60	824	882	EX-60	824	794	EX-60
14.0	854	1098	EX-70	854	1006	EX-70	854	960	EX-70	854	915	EX-60	854	823	EX-60
14.5	885	1137	EX-70	885	1042	EX-70	885	995	EX-70	885	947	EX-60	885	853	EX-60
15.0	915	1176	EX-70	915	1078	EX-70	915	1029	EX-70	915	980	EX-70	915	882	EX-60
15.5	946	1215	EX-70	946	1114	EX-70	946	1063	EX-70	946	1013	EX-70	946	911	EX-60

IMPORTANT: SIZE PRECLEANER BY ENGINE FLOW REQUIREMENTS-NOT INTAKE DIAMETER

CENTRI DIESEL ENGINE APPLICATION CHART

BASED ON ENGINE CFM AND OPERATING RPM

4/20/2004

(NORMALLY ASPIRATED DIESEL ENGINE)

LITERS	@ 2400 RPM			@ 2200 RPM			@ 2100 RPM			@ 2000 RPM			@ 1800 RPM		
	CENTRI			CENTRI			CENTRI			CENTRI			CENTRI		
	CID	CFM	MODEL	CID	CFM	MODEL	CID	CFM	MODEL	CID	CFM	MODEL	CID	CFM	MODEL
1.5	92	54	EX-20	92	50	EX-20	92	47	EX-20	92	45	EX-20	92	41	EX-20
2.0	122	72	EX-20	122	66	EX-20	122	63	EX-20	122	60	EX-20	122	54	EX-20
2.5	153	90	EX-20	153	83	EX-20	153	79	EX-20	153	75	EX-20	153	68	EX-20
3.0	183	108	EX-25	183	99	EX-20	183	95	EX-20	183	90	EX-20	183	81	EX-20
3.5	214	126	EX-25	214	116	EX-25	214	110	EX-25	214	105	EX-25	214	95	EX-20
4.0	244	144	EX-25	244	132	EX-25	244	126	EX-25	244	120	EX-25	244	108	EX-25
4.5	275	162	EX-25	275	149	EX-25	275	142	EX-25	275	135	EX-25	275	122	EX-25
5.0	305	180	EX-25	305	165	EX-25	305	158	EX-25	305	150	EX-25	305	135	EX-25
5.5	336	198	EX-40	336	182	EX-25	336	173	EX-25	336	165	EX-25	336	149	EX-25
6.0	366	216	EX-40	366	198	EX-25	366	189	EX-25	366	180	EX-25	366	162	EX-25
6.5	397	234	EX-40	397	215	EX-40	397	205	EX-40	397	195	EX-25	397	176	EX-25
7.0	427	252	EX-40	427	231	EX-40	427	221	EX-40	427	210	EX-40	427	189	EX-25
7.5	458	270	EX-40	458	248	EX-40	458	236	EX-40	458	225	EX-40	458	203	EX-40
8.0	488	288	EX-40	488	264	EX-40	488	252	EX-40	488	240	EX-40	488	216	EX-40
8.5	519	306	EX-40	519	281	EX-40	519	268	EX-40	519	255	EX-40	519	230	EX-40
9.0	549	324	EX-40	549	297	EX-40	549	284	EX-40	549	270	EX-40	549	243	EX-40
9.5	580	342	EX-40	580	314	EX-40	580	299	EX-40	580	285	EX-40	580	257	EX-40
10.0	610	360	EX-40	610	330	EX-40	610	315	EX-40	610	300	EX-40	610	270	EX-40
10.5	641	378	EX-40	641	347	EX-40	641	331	EX-40	641	315	EX-40	641	284	EX-40
11.0	671	396	EX-40	671	363	EX-40	671	347	EX-40	671	330	EX-40	671	297	EX-40
11.5	702	414	EX-50	702	380	EX-40	702	362	EX-40	702	345	EX-40	702	311	EX-40
12.0	732	432	EX-50	732	396	EX-40	732	378	EX-40	732	360	EX-40	732	324	EX-40
12.5	763	450	EX-50	763	413	EX-50	763	394	EX-40	763	375	EX-40	763	338	EX-40
13.0	793	468	EX-50	793	429	EX-50	793	410	EX-50	793	390	EX-40	793	351	EX-40
13.5	824	486	EX-50	824	446	EX-50	824	425	EX-50	824	405	EX-50	824	365	EX-40
14.0	854	504	EX-50	854	462	EX-50	854	441	EX-50	854	420	EX-50	854	378	EX-40
14.5	885	522	EX-50	885	479	EX-50	885	457	EX-50	885	435	EX-50	885	392	EX-40
15.0	915	540	EX-50	915	495	EX-50	915	473	EX-50	915	450	EX-50	915	405	EX-50
15.5	946	558	EX-50	946	512	EX-50	946	489	EX-50	946	465	EX-50	946	419	EX-50

IMPORTANT: SIZE PRECLEANER BY ENGINE FLOW REQUIREMENTS-NOT INTAKE DIAMETER

CENTRI DIESEL ENGINE APPLICATION CHART
BASED ON ENGINE CFM AND OPERATING RPM

(TURBOCHARGED DIESEL ENGINES)

LITERS	@ 2400 RPM			@ 2200 RPM			@ 2100 RPM			@ 2000 RPM			@ 1800 RPM		
	CID	CFM	CENTRI MODEL	CID	CFM	CENTRI MODEL	CID	CFM	CENTRI MODEL	CID	CFM	CENTRI MODEL	CID	CFM	CENTRI MODEL
1.5	92	102	EX-25	92	93	EX-20	92	89	EX-20	92	85	EX-20	92	76	EX-20
2.0	122	136	EX-25	122	124	EX-25	122	119	EX-25	122	113	EX-25	122	102	EX-25
2.5	153	170	EX-25	153	155	EX-25	153	148	EX-25	153	141	EX-25	153	127	EX-25
3.0	183	203	EX-40	183	186	EX-25	183	178	EX-25	183	170	EX-25	183	153	EX-25
3.5	214	237	EX-40	214	218	EX-40	214	208	EX-40	214	198	EX-40	214	178	EX-25
4.0	244	271	EX-40	244	249	EX-40	244	237	EX-40	244	226	EX-40	244	203	EX-40
4.5	275	305	EX-40	275	280	EX-40	275	267	EX-40	275	254	EX-40	275	229	EX-40
5.0	305	339	EX-40	305	311	EX-40	305	297	EX-40	305	283	EX-40	305	254	EX-40
5.5	336	373	EX-40	336	342	EX-40	336	326	EX-40	336	311	EX-40	336	280	EX-40
6.0	366	407	EX-50	366	373	EX-40	366	356	EX-40	366	339	EX-40	366	305	EX-40
6.5	397	441	EX-50	397	404	EX-50	397	386	EX-40	397	367	EX-40	397	331	EX-40
7.0	427	475	EX-50	427	435	EX-50	427	415	EX-50	427	396	EX-50	427	356	EX-40
7.5	458	509	EX-50	458	466	EX-50	458	445	EX-50	458	424	EX-50	458	381	EX-40
8.0	488	542	EX-50	488	497	EX-50	488	475	EX-50	488	452	EX-50	488	407	EX-50
8.5	519	576	EX-50	519	528	EX-50	519	504	EX-50	519	480	EX-50	519	432	EX-50
9.0	549	610	EX-50	549	559	EX-50	549	534	EX-50	549	509	EX-50	549	458	EX-50
9.5	580	644	EX-50	580	590	EX-50	580	564	EX-50	580	537	EX-50	580	483	EX-50
10.0	610	678	EX-50	610	622	EX-50	610	593	EX-50	610	565	EX-50	610	509	EX-50
10.5	641	712	EX-60	641	653	EX-50	641	623	EX-50	641	593	EX-50	641	534	EX-50
11.0	671	746	EX-60	671	684	EX-50	671	653	EX-50	671	622	EX-50	671	559	EX-50
11.5	702	780	EX-60	702	715	EX-60	702	682	EX-50	702	650	EX-50	702	585	EX-60
12.0	732	814	EX-60	732	746	EX-60	732	712	EX-60	732	678	EX-50	732	610	EX-60

(TURBOCHARGED AFTERCOOLED DIESEL ENGINES)

LITERS	@ 2400 RPM			@ 2200 RPM			@ 2100 RPM			@ 2000 RPM			@ 1800 RPM		
	CID	CFM	CENTRI MODEL	CID	CFM	CENTRI MODEL	CID	CFM	CENTRI MODEL	CID	CFM	CENTRI MODEL	CID	CFM	CENTRI MODEL
1.5	92	118	EX-25	92	108	EX-25	92	103	EX-25	92	98	EX-25	92	88	EX-20
2.0	122	157	EX-25	122	144	EX-25	122	137	EX-25	122	131	EX-25	122	118	EX-25
2.5	153	196	EX-25	153	180	EX-25	153	171	EX-25	153	163	EX-25	153	147	EX-25
3.0	183	235	EX-40	183	216	EX-40	183	206	EX-40	183	196	EX-40	183	176	EX-25
3.5	214	274	EX-40	214	252	EX-40	214	240	EX-40	214	229	EX-40	214	206	EX-40
4.0	244	314	EX-40	244	287	EX-40	244	274	EX-40	244	261	EX-40	244	235	EX-40
4.5	275	353	EX-40	275	323	EX-40	275	309	EX-40	275	294	EX-40	275	265	EX-40
5.0	305	392	EX-40	305	359	EX-40	305	343	EX-40	305	327	EX-40	305	294	EX-40
5.5	336	431	EX-50	336	395	EX-50	336	377	EX-40	336	359	EX-40	336	323	EX-40
6.0	366	470	EX-50	366	431	EX-50	366	412	EX-50	366	392	EX-40	366	353	EX-40
6.5	397	510	EX-50	397	467	EX-50	397	446	EX-50	397	425	EX-50	397	382	EX-40
7.0	427	549	EX-50	427	503	EX-50	427	480	EX-50	427	457	EX-50	427	412	EX-50
7.5	458	588	EX-50	458	539	EX-50	458	514	EX-50	458	490	EX-50	458	441	EX-50
8.0	488	627	EX-50	488	575	EX-50	488	549	EX-50	488	523	EX-50	488	470	EX-50
8.5	519	666	EX-50	519	611	EX-50	519	583	EX-50	519	555	EX-50	519	500	EX-50
9.0	549	706	EX-60	549	647	EX-50	549	617	EX-50	549	588	EX-50	549	529	EX-50
9.5	580	745	EX-60	580	683	EX-50	580	652	EX-50	580	621	EX-50	580	559	EX-50
10.0	610	784	EX-60	610	719	EX-60	610	686	EX-50	610	653	EX-50	610	588	EX-50
10.5	641	823	EX-60	641	755	EX-60	641	720	EX-60	641	686	EX-50	641	617	EX-50
11.0	671	862	EX-60	671	790	EX-60	671	755	EX-60	671	719	EX-60	671	647	EX-50
11.5	702	902	EX-60	702	826	EX-60	702	789	EX-60	702	751	EX-60	702	676	EX-50
12.0	732	941	EX-60	732	862	EX-60	732	823	EX-60	732	784	EX-60	732	706	EX-60

(NORMALLY ASPIRATED DIESEL ENGINE)

LITERS	@ 2400 RPM			@ 2200 RPM			@ 2100 RPM			@ 2000 RPM			@ 1800 RPM		
	CID	CFM	CENTRI MODEL	CID	CFM	CENTRI MODEL	CID	CFM	CENTRI MODEL	CID	CFM	CENTRI MODEL	CID	CFM	CENTRI MODEL
1.5	92	54	EX-20	92	50	EX-20	92	47	EX-20	92	45	EX-20	92	41	EX-20
2.0	122	72	EX-20	122	66	EX-20	122	63	EX-20	122	60	EX-20	122	54	EX-20
2.5	153	90	EX-20	153	83	EX-20	153	79	EX-20	153	75	EX-20	153	68	EX-20
3.0	183	108	EX-25	183	99	EX-20	183	95	EX-20	183	90	EX-20	183	81	EX-20
3.5	214	126	EX-25	214	116	EX-25	214	110	EX-25	214	105	EX-25	214	95	EX-20
4.0	244	144	EX-25	244	132	EX-25	244	126	EX-25	244	120	EX-25	244	108	EX-25
4.5	275	162	EX-25	275	149	EX-25	275	142	EX-25	275	135	EX-25	275	122	EX-25
5.0	305	180	EX-25	305	165	EX-25	305	158	EX-25	305	150	EX-25	305	135	EX-25
5.5	336	198	EX-40	336	182	EX-25	336	173	EX-25	336	165	EX-25	336	149	EX-25
6.0	366	216	EX-40	366	198	EX-25	366	189	EX-25	366	180	EX-25	366	162	EX-25
6.5	397	234	EX-40	397	215	EX-40	397	205	EX-40	397	195	EX-25	397	176	EX-25
7.0	427	252	EX-40	427	231	EX-40	427	221	EX-40	427	210	EX-40	427	189	EX-25
7.5	458	270	EX-40	458	248	EX-40	458	236	EX-40	458	225	EX-40	458	203	EX-40
8.0	488	288	EX-40	488	264	EX-40	488	252	EX-40	488	240	EX-40	488	216	EX-40
8.5	519	306	EX-40	519	281	EX-40	519	268	EX-40	519	255	EX-40	519	230	EX-40
9.0	549	324	EX-40	549	297	EX-40	549	284	EX-40	549	270	EX-40	549	243	EX-40
9.5	580	342	EX-40	580	314	EX-40	580	299	EX-40	580	285	EX-40	580	257	EX-40
10.0	610	360	EX-40	610	330	EX-40	610	315	EX-40	610	300	EX-40	610	270	EX-40
10.5	641	378	EX-40	641	347	EX-40	641	331	EX-40	641	315	EX-40	641	284	EX-40
11.0	671	396	EX-40	671	363	EX-40	671	347	EX-40	671	330	EX-40	671	297	EX-40
11.5	702	414	EX-50	702	380	EX-40	702	362	EX-40	702	345	EX-40	702	311	EX-40
12.0	732	432	EX-50	732	396	EX-40	732	378	EX-40	732	360	EX-40	732	324	EX-40

IMPORTANT: SIZE PRECLEANER BY ENGINE FLOW REQUIREMENTS-NOT INTAKE DIAMETER