

## Piston Rings for Four-cylinder and Six-cylinder Diesel Engine

- ASIMCO Shuanghuan is the largest piston rings manufacturer in China.
- Annual output of piston rings reaches 150 million pieces, supplying to more than 100 major OEM customers in China.
- Market share for vehicle used diesel engine piston rings is 70%.
- Composite Chrome Coating piston ring is the nation's Key New Product and owns the nation's patent.
- Meeting with the Euro III and Euro IV for major OEM customers in China.

### Four-cylinder Piston Rings Application

No.	OEM Supplied	Engine Model	Cylinder Diameter	Control:Oil	Cylinder Number	Sets/ Pack
1	Perkins	Cummins C Series	114	2:1	4	12
		Perkins 100	100	2:1	4	18
		Perkins 102C	102	2:1	4	18
2	Xichai	Xichai XCW485	85	2:1	4	18
		Xichai B01	85	2:1	4	18
		Xichai 4DF2D-21	110	2:1	4	18
		Xichai 4113BKZ	113	2:1	4	18
3	Dachai	Dachai 498	98	2:1	4	18
		Dachai 4D32	98	2:1	4	18
4	Yuchai	Yulin F6000	89	2:1	4	18
		Yulin 4108ZQB	108	2:1	4	18
		Yulin YC4110Q (530)	110	2:1	4	18
		Yulin 4112ZLQ	111.76	2:1	4	18
5	Chaochai	Chaochai QD32	99	2:1	4	18
		Chaochai 4100A	100	2:1	4	18
		Chaochai 4102EZL	102	2:1	4	18
		Chaochai 4H Euro III	102	2:1	4	18
6	Yunnei	Yunnei 490QZL	90	2:1	4	18
		Yunnei 4D30	95	2:1	4	18
		Yunnei 4100QB	100	2:1	4	18
7	Yangchai	Yangchai YZ485QB	85	2:1	4	18
		Yangchai 485QA	85	2:1	4	18
8	Yangdong	Yangdong YSA475	75	3:1	4	18
		Yangdong D480	80	3:1	4	18
		Yangdong 4YDC2K	100	2:1	4	18
9	Quanchai	Quanchai QC480	80	3:1	4	30
		Quanchai QC490	90	2:1	4	18
		Quanchai YZ4102QF	102	2:1	4	18

No.	OEM Supplied	Engine Model	Cylinder Diameter	Control:Oil	Cylinder Number	Sets/ Pack
10	Jiangling	Jiangling VM492	92	2:1	4	18
		Jiangling 4JA1	93	2:1	4	18
		Jiangling JX493ZQ/C	93	2:1	4	18
11	MG	MG G427A	95	2:1	4	18
12	MG	MG NJG429	95	2:1	4	18
		MG 4102	102	2:1	4	18
		MG 4102	102	2:1	4	18
13	Foton	Foton 483A	83	2:1	4	18
		Foton 486	86	2:1	4	18
		Foton 493	93	2:1	4	18
14	IVECO	IVECO 45-10	93	2:1	4	18
		IVECO 94.4	94	2:1	4	18
15	PSA	Peugeot DV6	75	2:1	4	18

## Six-cylinder Piston Rings Application

No.	OEM Supplied	Engine Model	Cylinder Diameter	Control:Oil	Cylinder Number	Sets/Pack
1	Cummins	Cummins B Series	102	2:1	6	18
		Cummins C Series	114	2:1	6	18
		Cummins N Series	140	3:1	6	12
		Cummins L Series	125	2:1	6	12
		Cummins M Series	125	2:1	6	12
		Cummins K Series	158.6	2:1	6	8
2	DEUTZ	DEUTZ FL912	100	3:1	6	18
		DEUTZ 105(226B)	105	2:1	6	18
		DEUTZ 105ZQ(226B)	105	2:1	6	18
		DEUTZ 226B Euro III	105	2:1	6	18
		DEUTZ BF6M2012	101	2:1	6	18
		DEUTZ BFM1015	132	2:1	6	12
3	Caterpillar	UP121(2W1709)	121	2:1	6	12
		UP137.16(1W8922)	137.16	2:1	6	12
4	Komatsu	NGR155(SA6D155)	155	2:1	6	12
		USG125(6D125)	125	2:1	6	12
5	Weichai	Weichai DEUTZ105(226B)	105	2:1	6	18
		Weichai DEUTZ 226B Euro III	105	2:1	6	18
		Weichai Styer WD615	126	2:1	6	12
		Weichai WP12EuroIII(WP12/WD12)	126	2:1	6	12
		WEichai 6160	160	3:1	6	6

# Piston Rings for Multi – Cylinder Engine



No.	OEM Supplied	Engine Model	Cylinder Diameter	Control:Oil	Cylinder Number	Sets/Pack
6	Xichai	Xichai 6110A	110	2:1	6	18
		Xichai 6110KZ	110	2:1	6	18
		Xichai 6110AKZLA9	110	2:1	6	18
		Xichai 6110CK	110	2:1	6	18
		Xichai 6DF2D-21	110	2:1	6	18
		Aowei 29D	110	2:1	6	18
		Xichai 6113BKZ	113	2:1	6	18
		Xichai 6DM1	131	2:1	6	12
7	Dachai	Dachai, Xichai 6110A	110	2:1	6	18
		Dachai 6113	113	2:1	6	18
		Dachai 6113BZ-A	113	2:1	6	18
8	Shangchai	Shangchai D6114 Euro III (8DK)	114	2:1	6	18
9	Yuchai	Yulin 6105QA	105	2:1	6	18
		Yulin 6108ZQB(new)	108	2:1	6	18
		Yulin G6000(A)	111.76	2:1	6	18
		Yulin M3000B	120	2:1	6	18
		Yulin 6K	129	2:1	6	12
		Yulin T9000A	145	2:1	6	18
10	CNHDC	Hangfa H6108	108	2:1	6	18
		CNHDC Steyr 126 Euro III	126	2:1	6	12
		Hangfa X6130	130	2:1	6	12
11	Chaochai	Chaochai CY6102	102	2:1	6	18
		Chaochai 6105	105	2:1	6	18
12	Dongfeng	Dongfeng 6100EQ140	100	3:1	6	18
		Fengshen EQ6102DT(super charge)	102	2:1	6	18