

# BD7154 & BD7309 Lube Spin-ons

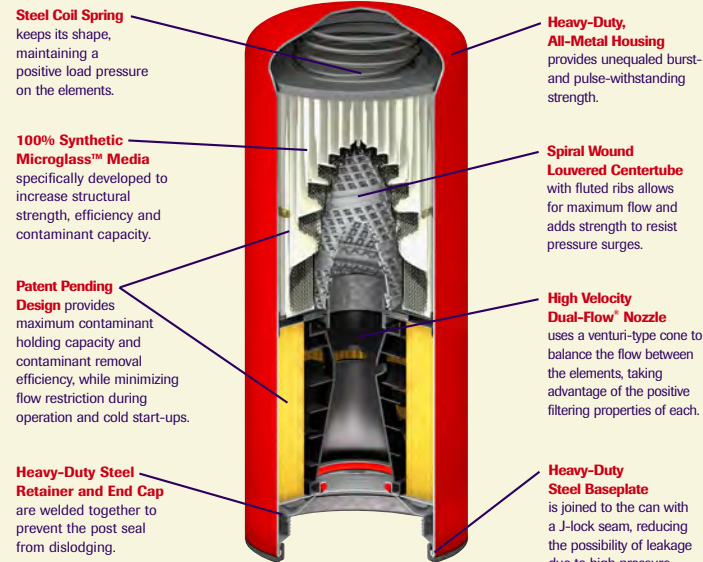
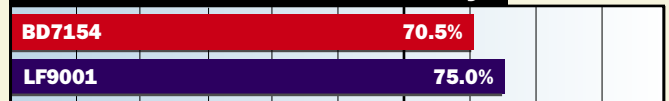


Illustration is representative of the BD7154. The BD7309 utilizes a proven steel baseplate with a double-rolled, tuck lock seam.

## Contaminant Removal Efficiency BD7154



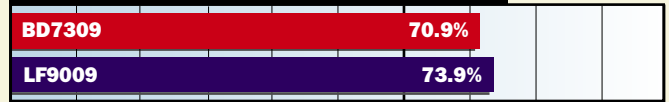
0% 10% 20% 30% 40% 50% 60% 70% 80% 90% 100%  
 ISO 4548-12 Test: Flow Rate 28 gpm, 100°F, Termination at 10.2 psid  
 Efficiency time weighted average at 10 microns. \* Cummins Engine Standard 10765 minimum efficiency = 60.0%

## Contaminant Holding Capacity BD7154



0g 10g 20g 30g 40g 50g 60g 70g 80g 90g 100g  
 ISO 4548-12 Test

## Contaminant Removal Efficiency BD7309



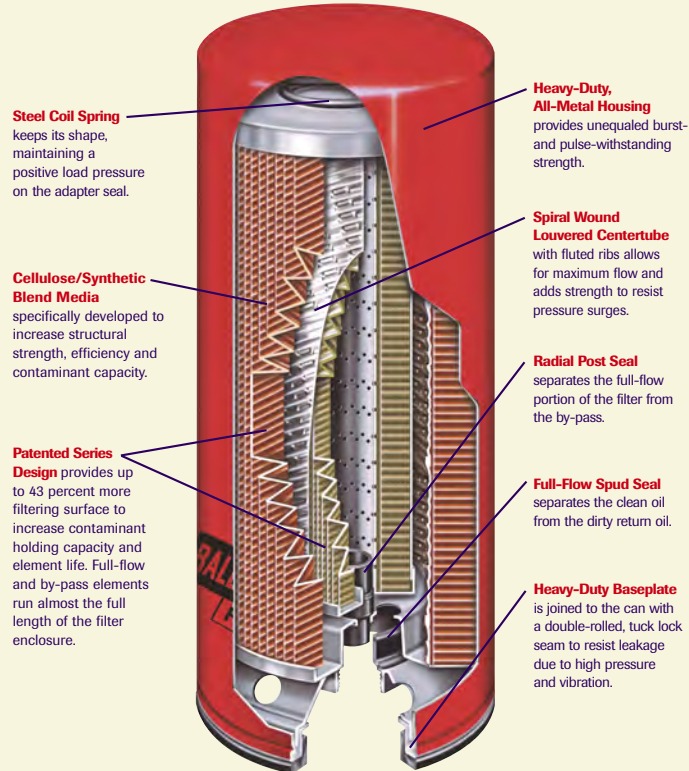
0% 10% 20% 30% 40% 50% 60% 70% 80% 90% 100%  
 ISO 4548-12 Test: Flow Rate 28 gpm, 100°F, Termination at 10.2 psid  
 Efficiency time weighted average at 10 microns. \* Cummins Engine Standard 10765 minimum efficiency = 60.0%

## Contaminant Holding Capacity BD7309

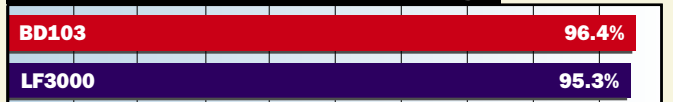


0g 10g 20g 30g 40g 50g 60g 70g 80g 90g 100g  
 ISO 4548-12 Test

# BD103 Lube Spin-on



## Contaminant Removal Efficiency BD103



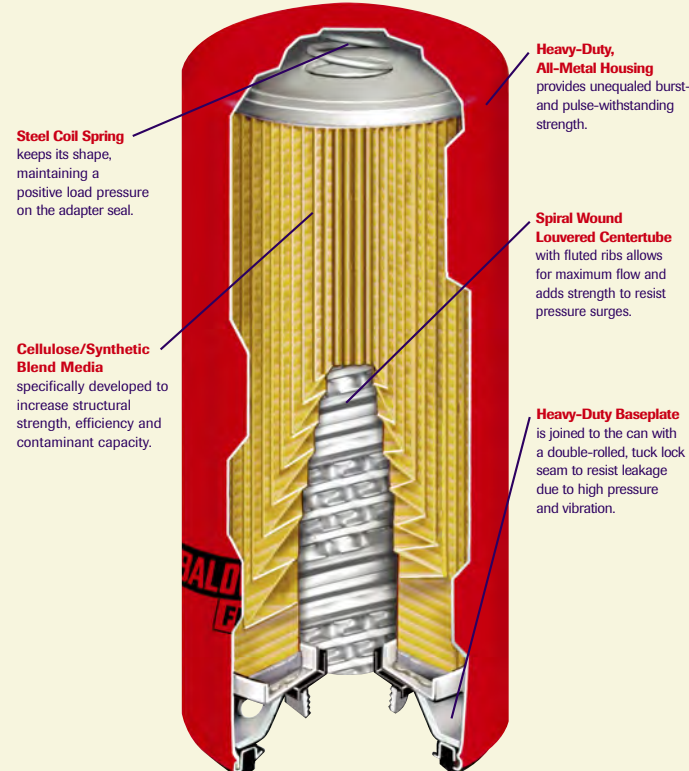
0% 10% 20% 30% 40% 50% 60% 70% 80% 90% 100%  
 SAE HS806 Test: Flow Rate 20 gpm, ISO Fine Test Dust, Dust Add Rate 5g/hr, Termination at 20 psid  
 Efficiency time weighted average.

## Contaminant Holding Capacity BD103



0g 15g 30g 45g 60g 75g 90g 105g  
 SAE HS806 Test

# B96 Lube Spin-on

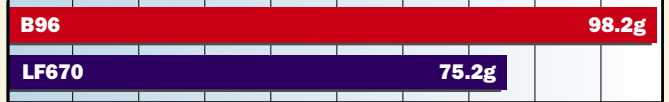


## Contaminant Removal Efficiency B96



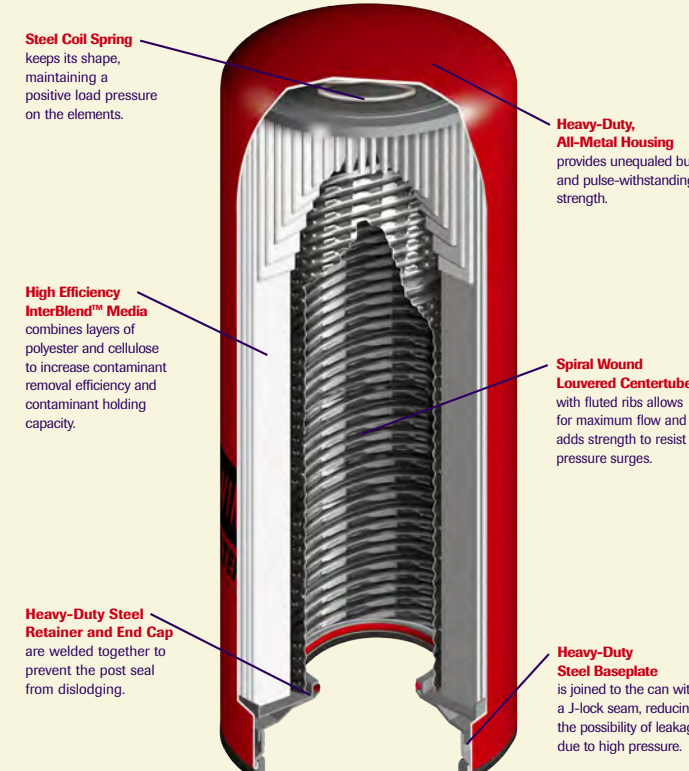
0% 10% 20% 30% 40% 50% 60% 70% 80% 90% 100%  
 SAE HS806 Test: Flow Rate 20 gpm, ISO Fine Test Dust, Dust Add Rate 5g/hr, Termination at 28 psid  
 Efficiency time weighted average.

## Contaminant Holding Capacity B96



0g 10g 20g 30g 40g 50g 60g 70g 80g 90g 100g  
 SAE HS806 Test

# BF7766 Fuel Spin-on

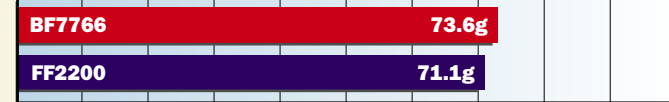


## Contaminant Removal Efficiency BF7766



0% 10% 20% 30% 40% 50% 60% 70% 80% 90% 100%  
 SAE J905 Test: Flow Rate 90 gph, ISO Fine Test Dust, Dust Add Rate 8g/4g, Termination at 4 psid  
 Efficiency time weighted average.

## Contaminant Holding Capacity BF7766



0g 10g 20g 30g 40g 50g 60g 70g 80g 90g 100g  
 SAE J905 Test

# Baldwin Filters

## Warranty

BALDWIN FILTERS warrants each new Baldwin filter used on applicable equipment to be free of defects in workmanship and material. Baldwin will replace any filter found to be defective when you return it to your Baldwin distributor where you purchased the filter.

In addition, if any machinery damage is directly caused by a new, properly installed Baldwin filter during a normal service interval, Baldwin will reimburse the owner for that portion of the repair costs which were necessary to restore the machine to its condition immediately prior to the time of damage. If damage from a filter is suspected, contact the Baldwin distributor where you purchased the filter. He will help you complete the necessary form and pack the filter and other materials in accordance with his Baldwin Manual.

**Baldwin Filters shall not be liable for any consequential or incidental damages, besides machinery damage, or for breach of any expressed or implied warranty.**

**Africa**  
 Baldwin Filters South Africa  
 Ph: 27-21-534-0029  
 Fax: 27-21-534-3730  
 E-mail: africa@baldwinfilter.com

**Australia & New Zealand**  
 Baldwin Filters Aust., Pty. Ltd.  
 Ph: 61-3-9353-7300  
 Fax: 61-3-9353-7301  
 E-mail: australia-newzealand@baldwinfilter.com

**Central & South America**  
 Baldwin Filters  
 Ph: (308) 233-9220  
 Fax: (308) 237-9769  
 E-mail: latinamerica@baldwinfilter.com

**China**  
 CLARCOR Filtration (China) Co., Ltd.  
 Ph: 86-0536-2606308  
 Fax: 86-0536-8656108  
 E-mail: china@baldwinfilter.com

**Europe**  
 Baldwin Filters N.V.  
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 Fax: 32 3 328 18 99  
 E-mail: europe@baldwinfilter.com

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 Fax: 52-442-227-3427  
 E-mail: mexico@baldwinfilter.com

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 Ph: (308) 237-9782  
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 E-mail: middleeast@baldwinfilter.com

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 E-mail: morocco@baldwinfilter.com

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 Fax: (308) 237-9769  
 E-mail: russia@baldwinfilter.com

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 E-mail: southeastasia@baldwinfilter.com

**UK & Ireland**  
 Baldwin Filters Ltd.  
 Ph: 44-1268-888170  
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 E-mail: uk-ireland@baldwinfilter.com

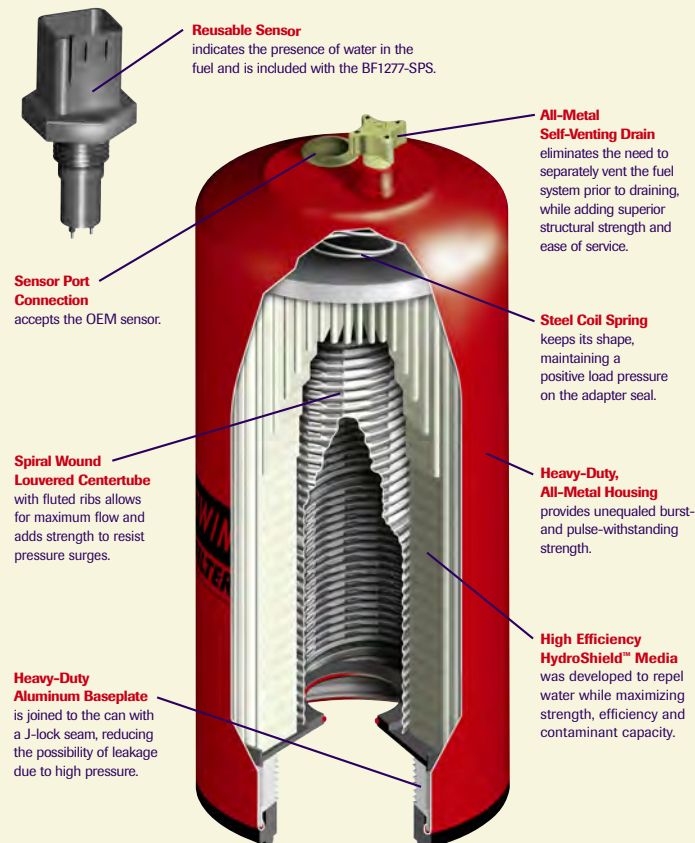
TS 16949  
 ISO 9001



**BALDWIN FILTERS** a CLARCOR company

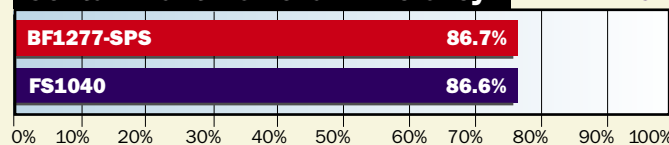
4400 East Highway 30 • P.O. Box 6010  
 Kearney, Nebraska 68848-6010  
 Phone: (308) 234-1951 • Toll Free: (800) 822-5394  
 Fax: (800) 828-4453 • Int'l Fax: (308) 237-9769  
 Internet: www.baldwinfilter.com

# BF1277-SPS Fuel/Water Separator



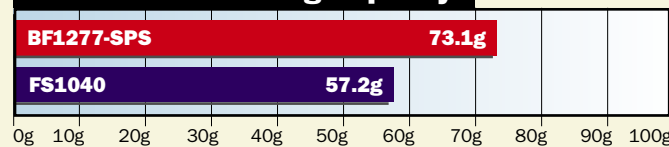
\* The BF1277-SP does not include the reusable water sensor as part of the filter.

## BF1277-SPS Contaminant Removal Efficiency



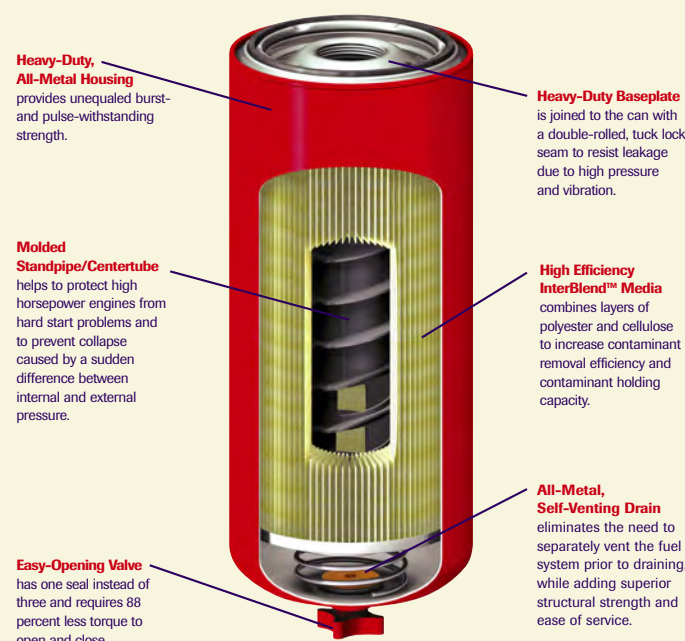
SAE J905 Test: Flow Rate 150 gph, ISO Fine Test Dust, Dust Add Rate 8g/4g, Termination at 4 psid Efficiency time weighted average.

## BF1277-SPS Contaminant Holding Capacity

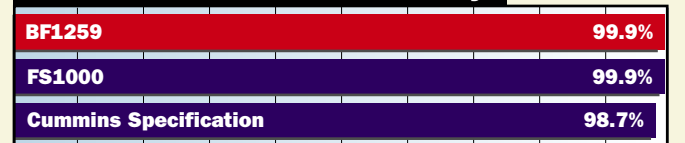


SAE J905 Test

# BF1259 Fuel/Water Separator

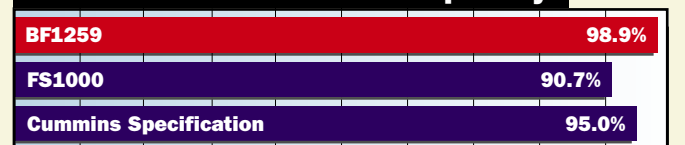


## BF1259 Contaminant Removal Efficiency



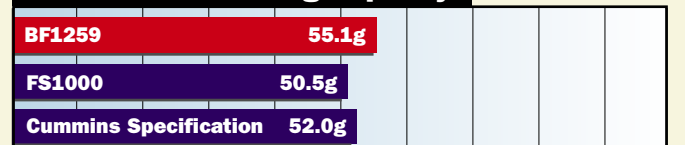
SAE J1985 Test: Flow Rate 90 gph, ISO Fine Test Dust, 100°F, Termination at 60 minutes Efficiency time weighted average at 10 microns.

## BF1259 Emulsified Water Removal Capability



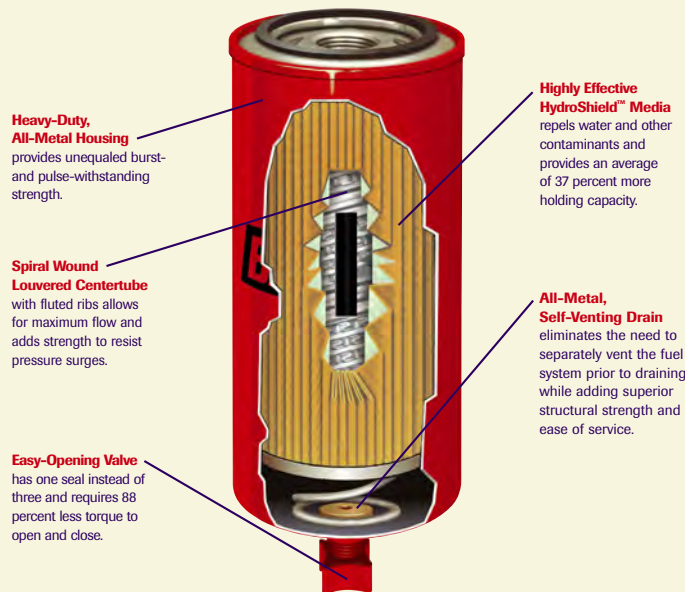
SAE J1488 Test: Flow Rate 90 gph, 80°F, Bar graph shows average efficiency over the life of the test.

## BF1259 Contaminant Holding Capacity

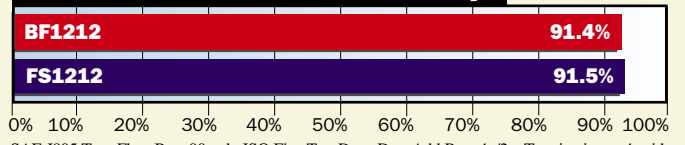


SAE J905 Test: Flow Rate 90 gph, ISO Fine Test Dust, 100°F, Termination at 4 psid

# BF1212 Fuel/Water Separator

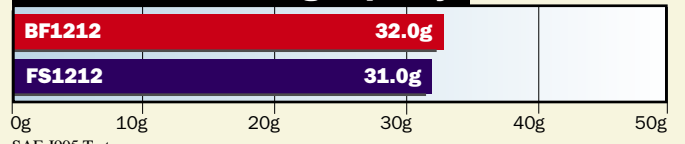


## BF1212 Contaminant Removal Efficiency



SAE J905 Test: Flow Rate 90 gph, ISO Fine Test Dust, Dust Add Rate 4g/2g, Termination at 4 psid Efficiency time weighted average.

## BF1212 Contaminant Holding Capacity

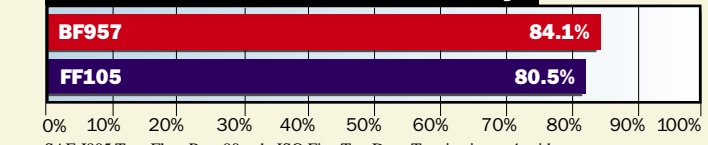


SAE J905 Test

## CUMMINS® CROSS-REFERENCE

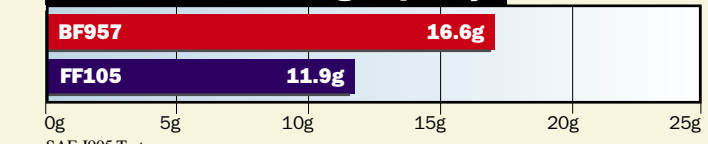
Cummins®	Baldwin®	Donaldson®	Fleetguard®	Cummins®	Baldwin®	Donaldson®	Fleetguard®
3315843	BF1212	P558000	FS1212	3889311	B7577	P550777	LF777
3315844	BF957	P550105	FF105	3937736	B7177	—	LF3970
3331096	BF1274-SP <sup>(1)</sup>	—	FS1007	3889716	BF1259	P551000	FS1000
3401544	BD7309	ELF7300	LF9009	4010651	BF1277-SP <sup>(2)</sup>	P551040	FS1040
3406809	BD7154	P559000	LF9001	4088272	BF7766	P552200	FF2200
3406810	BD7153	—	LF9000				
3825970	BD103	P553000	LF3000				
3889310	B96	P551670	LF670				

## BF957 Contaminant Removal Efficiency



SAE J905 Test: Flow Rate 90 gph, ISO Fine Test Dust, Termination at 4 psid Efficiency time weighted average.

## BF957 Contaminant Holding Capacity



SAE J905 Test

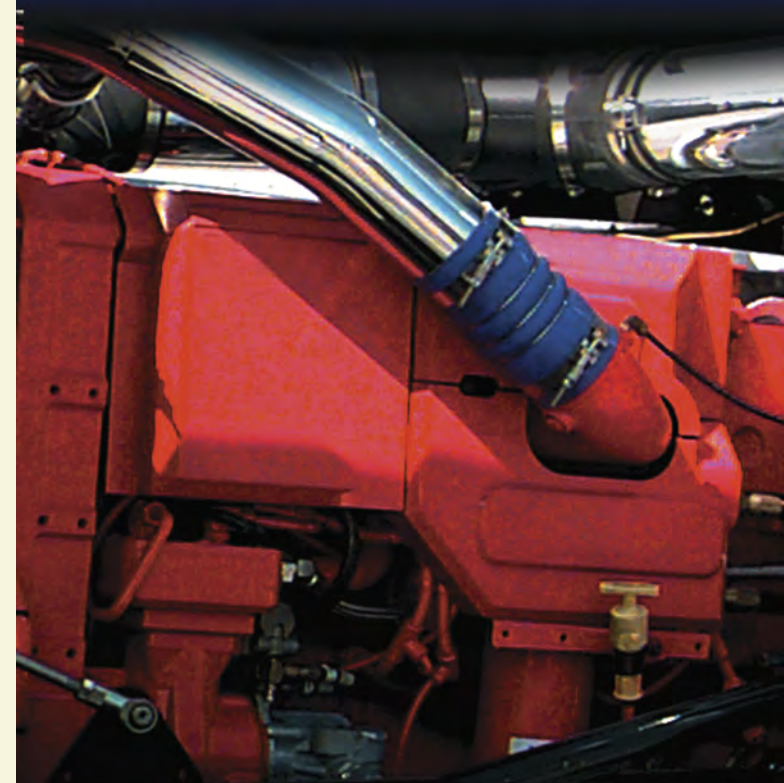
<sup>(1)</sup> – with sensor, order BF1274-SPS

<sup>(2)</sup> – with sensor, order BF1277-SPS



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# The Best Protection



For

# Cummins® Engines

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