



PENRAY 4620 BRAKE CLEANER COMPARISON

Penray has a variety of brake cleaners, each specially formulated to meet your specific needs. Penray 4620 Brake Cleaner has the following features and benefits:

- Quickly dissolves grease and oil
- Parts cleaner
- Removes grease, oil, brake fluid, and other contaminants from disc and drum brake components instantly
- Cleans without disassembly
- Helps stop brake squeaking and can improve braking performance
- Leaves no residue
- NOT FOR SALE IN CA, UT AND OTHER STATES AS THEY ADOPT THE 2014 OTC MODEL RULE.
- 45% V.O.C.

✓ Check out our comparison video at <http://bit.ly/PenVideos>



Part#	Quantity	Net Contents	Container Type
4620	12/Case	14 Oz.	Aerosol Can
4605	1/Case	5 Gallons	Pail
4655	1/Case	55 Gallons	Drum

The chart below compares Penray 4620 to competitive brands on effectiveness in cleaning a test grease mark in both time it takes to clean as well as, the percent of product used to complete the job.

CLEARLY PENRAY OUT PERFORMS THE COMPETITION!

Product	Part Number	Red Grease Test (Time)			Red Grease Test (% of product used)			Time To Empty Cans	Can Fill weights			
		Test 1 Time (Sec)	Test 2 Time (sec)	Average Time (sec)	Percent Used (Test 1)	Percent Used (Test 2)	AVG % of Can Used	Empty Can Time (Sec)	Label Weight (oz)	Liquid Weight (grams)	% Weight Propellant	Liquid Density (g/ml)
Penray	4620	21.91	20.17	21.44	18.37%	23.41%	25.20%	105.73	14	343	14.89%	0.78
Tech Chemical	2417	59.38	did not clean*	59.38	77.82%	N/A	77.82%	95.22	14	357	15.20%	0.79
CRC	5084	28.60	25.08	26.84	33.33%	48.53%	40.93%	88.3	14	337	15.11%	0.78
Radiator Specialty	M715	40.35	did not clean*	40.35	60.20%	N/A	60.20%	59.87	14	349	15.29%	0.79
3M	8180	22.28	21.56	21.92	27.20%	39.04%	33.12%	92.78	14	337	8.67%	0.76
Pyroil	PYNCBCPC13	did not clean*	did not clean*	N/A	N/A	N/A	N/A	100.78	13	329	11.32%	0.81

*Red Grease Test: 2" square, 0.5g of red grease