



RACING FILTER CATALOG



**WE
LOVE
ENGINES!**



WE LOVE RACING

When WIX Filters began making its performance-driven products in 1939, the first Daytona race was still 20 years down the road.

In developing the WIX Racing line, WIX engineers have worked with more than 25 different racing teams. We have tested and competition proven our superior-crafted materials and designs in thousands of miles of actual race conditions.

WIX Racing Oil and Air Filters are designed to cover a full range of racing series, including NASCAR Sprint Cup, Nationwide, Camping World Truck and ARCA, as well as dirt track, off-road and drag racing.

We also offer remote mount oil filter bases and racing fuel filters.

HOW TO USE THIS CATALOG

First, determine what type of engine performance and protection you need. If increased engine torque and maximum horsepower are the objectives, then our lowest restriction pure racing media (AP) oil and air filters are recommended. However, if endurance and better engine protection are needed, then use our High Efficiency Endurance Media (HEE) Oil and Air Filters.

CAUTION: NOT INTENDED FOR STREET USE

Racing performance parts are sold “as is” without any warranty. No implied warranty for fitness or merchantability is included. The buyer assumes all risks related to the use of this product. New vehicle and equipment warranties are voided when this product is used in competitive racing or on modified high performance engines. Not intended for street use. Installation on a street- or highway-driven vehicle may be a violation of state or federal law.



ADVANCED PERFORMANCE OIL FILTERS

FOR USE ON CONCRETE OR ASPHALT TRACKS

Advanced Performance (AP) Oil Filters use a media that is rated at a Frazier airflow of approximately 267 CFM and is wire backed. The unique wire backing provides a very stable base for a media blend of fiberglass, polyester and cellulose. This media is resistant to high temperatures and water levels in the oil that can plug standard media types. Our Advanced Performance media is designed to provide a high positive oil flow with low restriction.

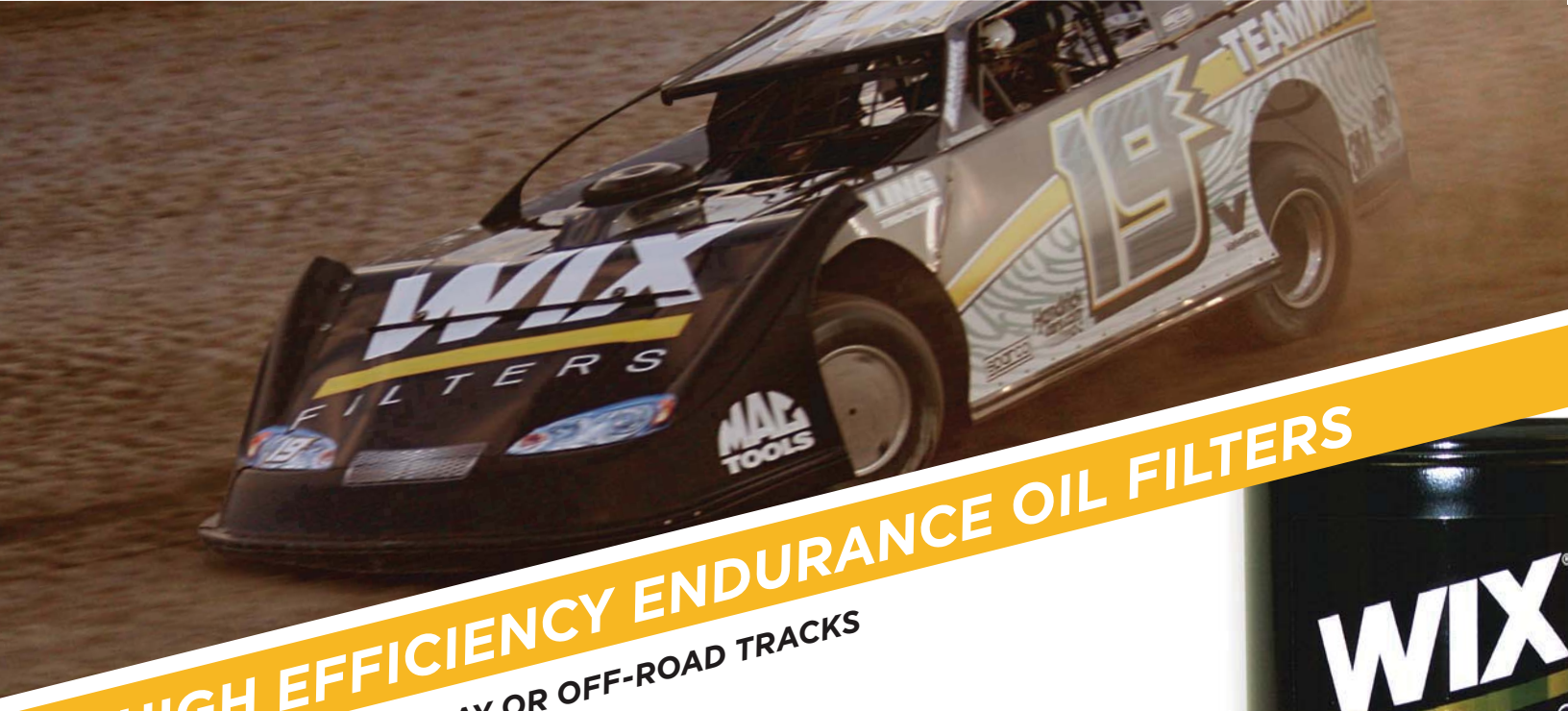
Advanced
Performance
Oil Filter
Part Numbers:

- 51268R**
- 57003R**
- 57007R**



OIL FILTER FEATURES

- Heavy-walled can and cover to withstand the extreme burst pressures (up to 500 psi).
- High temperature nitrile baseplate gaskets (up to 300°F) withstand extremely high racing temperatures.
- Zinc chromate-plated baseplate provides low surface friction and is corrosion free.
- Spiral-wound center tube provides increased collapse pressure and enhanced flow pattern.
- Metal end caps provide element strength and prevent filtering bypass.
- Individually sealed to protect against contamination by environmental dust or dirt.



HIGH EFFICIENCY ENDURANCE OIL FILTERS

FOR USE ON DIRT, CLAY OR OFF-ROAD TRACKS

High Efficiency Endurance (HEE) Oil Filters use a media rated at a Frazier airflow of approximately 75 CFM. This media contains a higher resin content than our Advanced Performance Oil Filters to trap and hold smaller contaminants and provide higher efficiency.

Our High Efficiency Endurance Filters also include the same component features as the Advanced Performance Filters: high burst pressure can, high temperature rubber components, zinc chromate baseplate, metal end caps and spiral center tubes.

High Efficiency
Endurance
Oil Filter
Part Numbers:

- 51060R**
- 51061R**
- 51069R**
- 51222R**
- 51515R**
- 51794R**



OIL FILTER FEATURES

- Heavy-walled can and cover to withstand the extreme burst pressures (up to 500 psi).
- High temperature nitrile baseplate gaskets (up to 300°F) withstand extremely high racing temperatures.
- Zinc chromate-plated baseplate provides low surface friction and is corrosion free.
- Spiral-wound center tube provides increased collapse pressure and enhanced flow pattern.
- Metal end caps provide element strength and prevent filtering bypass.
- Individually sealed to protect against contamination by environmental dust or dirt.



ADVANCED PERFORMANCE AIR FILTERS

FOR USE ON CONCRETE OR ASPHALT TRACKS

Advanced Performance Air Filters use our unique patented design (U.S. Patent 5,873,920). Our wire-backed gauze Reemay® media allows maximum airflow while minimizing restriction to boost horsepower. With a Frazier airflow of approximately 880 CFM, these air filters have the lowest restriction of any racing filter available.

Advanced Performance Air Filter Part Numbers:

46926R	46944R
46927R	46945R
46928R	46948R
46940R	46949R
46941R	46974R



AIR FILTER FEATURES

- High performance media is designed to provide increased airflow.
- Wire mesh gauze media support contributes to rigid filter construction by ensuring consistently stable pleats at high airflow volumes.
- Outer screen of expanded metal protects the filter media and supports the filter assembly.
- Molded plastisol top and bottom ensure a positive seal between the filter and the air intake housing.
- Inner screen of epoxy-coated steel wire withstands corrosion and ensures stability of the filter element.





HIGH EFFICIENCY ENDURANCE AIR FILTERS

FOR USE ON DIRT, CLAY OR OFF-ROAD TRACKS

High Efficiency Endurance Air Filters use a media specifically developed to filter out harmful contaminants while providing low restriction. With a Frazier airflow of approximately 73 CFM, this is an ideal air filter for the Late Model, Sportsman and Modified racers who run primarily on dirt tracks.

Our High Efficiency Endurance Air Filters also share the same exclusive component features as the Advanced Performance Air Filters.

High Efficiency
Endurance
Air Filter
Part Numbers:

42096R
46946R



AIR FILTER FEATURES

- High performance media is designed to provide increased airflow.
- Outer screen of expanded metal protects the filter media and supports the filter assembly.
- Molded plastisol top and bottom ensure a positive seal between the filter and the air intake housing.
- Inner screen of epoxy-coated steel wire withstands corrosion and ensures stability of the filter element.





RACING FUEL FILTERS

Contaminated fuel will cause a big drop in engine performance and overall efficiency resulting in lost power and excessive wear. Our high efficiency media resists water and removes solid particles as small as 7 microns (complete assembly 24003 with 24004 element).

High Efficiency Fuel Filter
Part Numbers:

24003R
24004R
33900R
33306R



24003R



24004R



33900R



33306R

PART NUMBER	DESCRIPTION	DIMENSIONS	THREAD CONNECTIONS	MICRON RATING	MAX. FLOW	MAX. OPERATING PRESSURE
24003R	Complete In-Hose Filter Assembly	Length - 11" OD - 2-1/4"	3/4" Female Pipe	7	12 GPM	50 PSI
24004R	Element for 24003R	Length - 7-15/16" OD - 1-11/16"	1/2" ID	7	12 GPM	50 PSI
33900R for Fram HPGC-1	Cartridge Element	Length - 2-1/2" OD - 2-3/4"	21/32" ID	5.9	90 GPH	150 PSI
33306R	Cartridge Element	Length - 4.03" OD - 1 31/32"	51/64" ID	7	12 GPM	50 PSI

RACING MOUNTING BASES

These cast aluminum adapters are designed for converting engine mounted spin-on oil filters to a remote mounted position.



These adapters feature double inlet and outlet and female-threaded horizontal ports for connecting the flexible oil lines. Two brass plugs are included for blocking off the unused ports. Mounting holes are provided in the castings for ease of installation.

BASE PART NUMBER	DIMENSIONS			FILTER THREADS	OIL LINE THREADS
	HT.	LT.	WT.		
24764	2-1/2"	4"	3"	3/4-16	1/2" NPT
24766	2-1/2"	4"	3"	13/16-16	1/2" NPT

These are the engine block-off adapters for use on engines where remote filter mounting is required or preferred.



BASE PART NUMBER	DIMENSIONS		ENGINE BASE THREADS	OIL LINE THREADS
	HT.	OD		
24730	1-1/2"	3-1/8"	3/4-16	1/2" NPT
24734	1-1/2"	3-1/8"	13/16-16	1/2" NPT
24738	1-3/4"	4"	13/16-16	1/2" NPT

OIL FILTER BASES

BASE NUMBER	FILTER NUMBER	THREAD SIZE	FILTER HEIGHT	MEDIA TYPE	FLOW RATE GPM	BYPASS VALVE SETTING	ANTI-DRAIN BACK VALVE
24764	51515R	3/4-16	5.17	HEE	28	8-12 PSID*	YES*
24766	51060R	13/16-16	5.17	HEE	28	NONE	YES*
24766	51061R	13/16-16	5.17	HEE	28	NONE	NO
24766	51069R	13/16-16	4.33	HEE	28	NONE	NO
24766	51794R	13/16-16	7.82	HEE	28	NONE	NO

*The bypass valve is a differential pressure relief valve that will provide sufficient oil flow should the media become plugged.



RACING OIL AND AIR FILTER SPECS

OIL FILTERS

FILTER NUMBER	THREAD SIZE	FILTER HEIGHT	FILTER OD	MEDIA TYPE	FLOW RATE GPM	BYPASS VALVE SETTING	ANTI-DRAIN BACK VALVE
51060R	13/16-16	5.17	3.6	HEE	28	NONE	YES*
51061R	13/16-16	5.17	3.6	HEE	28	NONE	NO
51069R	13/16-16	4.33	3.6	HEE	28	NONE	NO
51222R	1-1/2-12	6.21	4.6	HEE	28	22 PSID*	NO
51268R	1-1/8-16	5.21	3.6	AP	30	NONE	NO
51515R	3/4-16	5.17	3.6	HEE	28	8-12 PSID*	YES*
51794R	13/16-16	7.82	3.6	HEE	28	NONE	NO
57003R	1-1/2-12	6.21	4.6	AP	30	22 PSID*	NO
57007R	1-1/2-16	5.90	4.2	AP	30	22 PSID*	NO

*The bypass valve is a differential pressure relief valve that will provide sufficient oil flow should the media become plugged.

AIR FILTERS

FILTER NUMBER	FILTER HEIGHT	FILTER OD	FILTER ID	MEDIA TYPE	FLOW CPM
42096R	4.05	13.875	11.625	HEE	600+
46926R	3.25	14.000	12.250	AP	1000+
46927R	3.75	14.000	12.250	AP	1000+
46928R	3.25	16.000	13.750	AP	1000+
46940R	4.01	16.000	13.750	AP	1000+
46941R	3.76	16.000	13.750	AP	1000+
46944R	4.01	14.000	12.250	AP	1000+
46945R	3.01	14.000	12.250	AP	1000+
46946R	4.01	14.000	12.250	HEE	1000+
46948R	3.51	14.000	12.250	AP	600+
46949R	3.51	16.000	13.750	AP	1000+
46974R	3.01	16.000	13.750	AP	1000+

*Approved for Craftsman Truck Series



STOCK OEM LOCATION AND APPLICATION

CHRYSLER CORPORATON ENGINES

ENGINE TYPES	PART NO.
All 6-Cylinder Engines	51515R
All Small Block V-8 273, 300, 318, 340 and 360	51515R
All Big Block V-8 383, 400, 413, 426 and 440	51515R

FORD MOTOR COMPANY ENGINES

ENGINE TYPES	PART NO.
All 4-Cylinder 140 2.3L	51515R
All V-6 232 3.8L	51515R
All Small Block V-8 302 5.0L	51515R
All 6-Cylinder Engines	51515R
All Small Block V-8 221, 255, 260, 289, 292, 302 and 351C, W or M	51515R
All Big Block V-8 352, 390, 400, 406, 427, 428, 429, 430 and 460	51515R

GENERAL MOTORS/CHEVROLET ENGINES

ENGINE TYPES	PART NO.
All 6-Cylinder Engines	
4 1/2" Ht.	51069R
5 1/2" Ht.	51060R*
5 1/2" Ht.	51061R
7 3/4" Ht.	51794R
All Small Block V-8 262, 267, 302, 305, 307, 327 and 350	
4 1/2" Ht.	51069R
5 1/2" Ht.	51060R*
5 1/2" Ht.	51061R
7 3/4" Ht.	51794R
All Big Block V-8 396, 400, 402, 427 and 454	
4 1/2" Ht.	51069R
5 1/2" Ht.	51060R*
5 1/2" Ht.	51061R
7 3/4" Ht.	51794R

*With anti-drain back valve



CROSS REFERENCE

ACDELCO

A697C	42096R
A2007C	46940R
A2008C	46949R
PF2	51515R
PF25	51069R
PF35	51061R
PF897	51268R
PF932	51794R

FRAM

HP1	51515R
HP4	51061R
HP6	51222R
HPGC1	33900R
HPK4	24738

K&N

E1690	42096R
07-0008	51515R
07-0025	51069R
07-0029	51061R

MOROSO

22459	51069R
22460	51061R
22461	51794R
22465	51222R
22470	51515R
23700	24764
23710	24764
23750	24766
23760	24766
23770	24734
97081	42096R

MOTORCRAFT

FL1HP	51515R
FL897	57007R
FA1607	46942R

STP

STP 43RP	57007R*
STP 16X4	46940R

PUROLATOR

288	57007R*
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*WIX has bypass valve

For reference purposes only. Competitors' products are not equivalent to WIX's products. See page 8 for specifications.