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## Carquest oil filter 85050 cross reference

Home Family Handyman Is your car oil black and gunky? It's better to change it now. Here's how to choose the oil and filter for your vehicle. By THE DIY experts of The Family Handyman Magazine You might also like: TBD Car oil and filters There are many choices Viscosity is not the only choice you will have to make when buying oil for your vehicle. Synthetic, conventional or synthetic blends are available from a variety of manufacturers. Whether you're changing your own oil or having a store doing it for you, choosing the oil, filter and service interval has never been more difficult. Because even if you follow the type of oil and the viscosity recommendations indicated in your owner's manual, you still have at least a dozen oil formulations to choose from. And oil filters come in just as many flavors. We can help you answer: What oil filter do I need. You can buy a \$14 filter with the highest dirt specifications and the longest mileage rating. But do you need to spend as much if you change your oil on time? Then there is the issue of extended drain intervals. Can you really go 12,000 to 15,000 miles between oil changes? We have contacted experts from Valvoline, Mobil 1, Pennzoil, Royal Purple, Fram and WIX Filters to give you up-to-date advice you can bring to the bank. And we're going to kill some myths in the process. But first, a quick lesson on the basics of engine lubrication. The main job of the engine oil primer is to create an extremely thin cushioning film to separate the metal components and prevent contact as the parts rotate and hit each other. Inside the combustion chamber, the oil film acts as a sealant to close the gap between the piston rings and the cylinder wall. This constant slippage, hammering and shear friction creates heat. Thus, the second job of the oil is to carry the friction heat and fresh metal parts. Then the oil must clean the engine and carry dust, dirt, combustion by-products (soot and acid) and leftover degraded oil on the filter to be captured. In addition, the oil must neutralize the acids, prevent the metal from corroding, and continue to foam as the swirling parts whip the air into it. And it contains antioxidants to protect against degradation. Oil does all these things. But first, it has to circulate. To do this, it must sink well. And that's where it gets complicated. Fine oil (5 weights) pump well when it is cold. But it thins when it's hot, making it harder to maintain a film The thicker oil (30 weights), on the other hand, maintains a strong cushioning film that does not thin when it is hot. But it's almost impossible to pump when it's cold. To get the best of both worlds, car manufacturers specify a multi-viscosity oil (5W-30, for example). It is thin and pumps when it is cold, but thickens as it warms up (see Regular Against Synthetic Oil below). Engineers determine exactly which range of viscosity is best suited to a particular engine. Aside from negligence, the use of bad oil viscosity is the most common cause of premature engine wear. And most of that occurs during cold starts. What is considered a cold start? If your vehicle hasn't run for three hours or more, it's cold, even if you live in Arizona! The automaker's recommendations are in your owner's manual or right on the oil filling cap. Never question the automaker's recommendations, even if your buddy knows-all says a different viscosity oil will work better. Ignore the automaker's recommendations at your own risk. The viscosity of the oil your car needs could be stamped on the filling cap. Get rid of the old oil The old oil will not work if a bottle of oil has been in your garage for more than five years, just go ahead and throw it away. If it's in a box, send it to the Smithsonian. Always dispose of the old oil correctly. Oil has a shelf life of about five years. So if you bought an oil truck for sale 20 years ago, don't think you can pour it into your 2013 truck. The oil degrades into the box or bottle just to sit in your garage. Q: My car has high miles and my buddy told me to go from 5W-30 to 20W-50 oil to get better piston sealing. A: A 20 W-50 oil offers better resistance from the piston-cylinder film. But it will cause more engine wear to cold start. Use a high mileage (HM) 5W-30 oil instead and get the same protection at startup and better film strength when hot. Fill only at the top line on the dipstick Don't overfill! Even if your engine leaks or burns oil and you are tired of crowning it, excessive filling is not the answer. Filling the pan too much is really bad for your engine. Even if your engine leaks or burns oil and you're tired of completing it, overfilling is not the answer. Running an overloaded engine actually causes excessive oil consumption that can destroy your catalytic converter (about \$1,000 to be repaired). And, when the oil level is too high, the rotating parts of the engine whip the air into it, turning it into foam. The foam does not lubricate or cool, so engine parts overheat, wear out and fail. Adding the wrong oil is better than driving without oil The bad oil is better than no oil! you can't find the correct oil at the nearest convenience store, it's better to add the wrong oil than to keep driving on the oil steam. You are supposed to check your oil level regularly. But most of us don't. If you drive a leaker or oil burner and you find critically low in oil, you have to act quickly or you will destroy the engine. If you can't find the correct oil at the nearest convenience store, it's better to add the wrong oil than to keep driving on the oil steam. Take a bottle of multiviscosity oil that is closest to the manufacturer's recommendation and pour enough to restore the oil level. If you have only added 1 qt., you can wait until your next oil change. But if you've added 2 quarters or more of the erroneous oil, get your vehicle for an oil change soon. Oh, and repair the leak that caused the low oil condition. Q: My engine needs oil. I have a bottle with the correct viscosity and the current 'SN' rating, but it's a different brand. Can I use it to complete my engine? One: One: different brands is fine. Car oil for high mileage-mileage cars High-mileage (HM) oil contains seal conditioners that rejuvenate brittle aged joints. And it contains additives to improve the film's resistance when the oil is hot. Depending on the brand, HM car oil may also include more anticorrosive, neutralizing acid and anti-clothing additives. If you have a high mileage engine and want to keep it running, HM oil is worth the higher price. Q: If I switch to synthetic oil, can I extend the drain intervals? A: If your vehicle is covered by a warranty (factory or extended), you must follow the oil change intervals recommended by the manufacturer, even with synthetic oil. If you are not covered by a warranty, consult the oil manufacturer for the recommended drain intervals. Regular oil versus synthetic oil molecules Regular oil is a natural mineral-based material, with molecules varying in size. These ball bearings give you the picture. Imagine trying to slide on them! Synthetic oil molecules Seual oil is made from oil and gases that have been broken and reassembled, molecule by molecule. The molecules are uniform in size, so the oil pumps better when it is cold and keeps a strong film when it is hot. Q: I would switch to synthetic car oil and read that because synthetics have better detergents, I need to rinse my engine with solvents first. A: Just make the change, never rinse your engine with solvents. Buy a good car oil filter for synthetic oil manufacturers Filter usually make several grades of filters- good, better, better. If you use mineral oil and modify it and change it on time, you don't need to spend more on a better filter. But if you are using a synthetic oil or intend to go longer between oil changes, buy a high-end brand filter. Many new engines use a cartridge filter instead of a spin-on design. Always note the location of the O ring when you remove the cap and replace it with the new O ring in the filter area. Lubez the O ring with oil, and use a torque key set to the manufacturer's specifications to tighten the cap. Mark the contact position when installing a new filter Mark the position of the car oil filter when the filter seal first makes contact A white paint pen works well for black or other dark-colored filters. Black felt pens work well on brighter colored car oil filters. Loose car oil filters cause of oil leaks. Follow the tightening instructions on the box. Rotate until the seal comes into contact with the mounting surface. Draw a line on the filter in 12-hour position. Shake hands on the recommended number of turns, then stop. Bigger is no better! Follow the manufacturer's recommendations when choosing a car oil filter Don't think you get better filtration by replacing a larger filter just because it fits the wires on your engine. Oil filters are application-specific. Don't think you get better filtration by replacing a larger filter just because it fits the wires on your engine. It may have a bypass valve filter, flow or flow as the correct filter. Don't doubt the filter manufacturer. Manufacturer.

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