

Motorcraft Oil

Quick Reference Oil Applications and Crankcase Capacities Chart



Recommend Motorcraft SAE 5W-20	Oil Refill (Qts) (1)	Oil Filter	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
1.9L Escort/Tracer	4.0	FL 400 S										
2.0L SPI Escort(02)/Tracer(99)/Focus(04)	4.0	FL 400 S										
2.0L SPI Focus	4.5	FL 910										
2.0L Zetec Escort(00)/Escort ZX2(03)/Cougar(02)	4.5	FL 2005										
2.0L Zetec Contour/Mystique	4.5	FL 2005										
2.0L Zetec Focus/Escapes	4.5	FL 400 S										
2.3L I4 Focus/Escapes/Mariner	4.5	FL 910										
2.3L I4 Escape Hybrid Electric Vehicle	4.5	FL-2017-A										
2.3L I4 Ranger	4.0	FL 400S										
2.3L OHC Ranger/Mustang(94)	5.0	FL 1 A										
2.3L HSC Tempo/Topaz	5.0	FL 300										
2.5L Cougar(02)/Contour(00)/Mystique(00)	5.8	FL 820 S										
2.5L Ranger	4.5	FL 400 S										
3.0L (Vulcan) Aerostar(97)/Ranger/Taurus/Sable(Flexible Fuel(2) & Gas)	4.5	FL 400 S										
3.0L (Vulcan) Tempo/Topaz	4.5	FL 400 S										
3.0L (Vulcan) Windstar	4.5	FL 400 S										
3.0L 4V Taurus/Sable/Five Hundred/Montego	(96-03)5.5/6.0	FL 820 S										
3.0L 4V Escape/Mariner/Freestyle	(01-04)5.5/6.0	FL 820 S										
3.0L Lincoln LS	(00)6.7/6.9	FL 400 S										
3.8L Mustang	5.3	FL 400 S										
3.8L SPI Windstar	5.0	FL 400 S										
3.8L SPI Windstar	5.7	FL 400 S										
3.8L Thunderbird/Cougar	(93-95)5.0/5.3	FL 400 S										
3.8L Taurus/Sable/Continental	4.5	FL 400 S										
3.8L Windstar	4.5	FL 400 S										
3.9L V6 Freestar	5.0	FL 400 S										
3.9L V8 Lincoln LS/Thunderbird	6.0	FL 2008										
3.9L V8 Lincoln LS/Thunderbird	6.5	FL 219										
4.2L Freestar/Monterey	6.0	FL 400 S										
4.2L SPI Econoline(04)/F-150 (under 8500 GVW only)	6.0	FL 400 S										
4.6L 2V Aviator/Explorer/Mountaineer	6.0	FL 820 S										
4.6L 2V Mustang	(95-02)5.0/6.0	FL 820 S										
4.6L 2V Thunderbird/Cougar	5.0	FL 820 S										
4.6L 2V Triton F-150/250 (under 8500 GVW only)	6.0	(4)										
4.6L 4V Marauder	6.0	FL 820 S										
4.6L 4V Mark VIII	6.0	FL 820 S										
4.6L 4V Mustang Cobra/Mach 1 (also includes SC)	6.0	FL 820 S										
4.6L 4V Continental	6.0	FL 820 S										
4.6L Crown Victoria/Grand Marquis	(92-02)5.0/6.0	FL 820 S										
4.6L Econoline	6.0	FL 820 S										
4.6L Expedition	6.0	FL 820 S										
4.6L Town Car	(91-02)5.0/6.0	FL 820 S										
4.9L F-Series/E-Series	6.0	FL 1 A										
5.0L Mustang/Crown Victoria/Grand Marquis	5.0	FL 1 A										
5.0L Mustang Cobra	5.0	FL 300										
5.0L Thunderbird/Cougar	5.0	FL 1 A										
5.0L Explorer/Mountaineer	5.0	FL 820 S										
5.0L F-Series/E-Series/Bronco(96)	6.0	FL 1 A										
5.4L Blackwood	6.0	FL 820 S										
5.4L 2V F-Series/Expedition (also includes SC)	6.0	FL 820 S										
5.4L 3V F-Series/Expedition	7.0	FL 820 S										
5.4L Navigator	(98-02)6.0/7.0	FL 820 S										
5.4L E-150/250/350/E-350 Chassis/RV/Cutaway	6.0	FL 820 S										
5.4L Excursion	6.0	FL 820 S										
5.8L F-Series/Bronco(96)	6.0	FL 820 S										
5.8L E-Series	6.0	FL 1A										
6.8L E-250/350/E-350 Chassis/RV/Cutaway	6.0	FL 820 S										
6.8L Excursion	6.0	FL 820 S										
6.8L Super Duty F-Series 250 HD/350/450/550 F-53 Motorhome	6.0	FL 820 S										
7.5L All Vehicles	6.0	FL 1 A										

Recommend Motorcraft SAE 5W-30	Oil Refill (Qts) (1)	Oil Filter	1996	1997	1998	1999	2000	2001	2002	2003	2004	2004
1.3L Aspire	3.6	FL 816										
1.3L Festiva	3.4	FL 810										
1.6L Capri	3.6	FL 816										
1.8L Escort/Tracer	4.0	FL 816										
1.9L Escort/Tracer	4.0	FL 400 S										
2.0L Probe	3.7	FL 821										
2.0L HP Zetec SVT Focus	4.5	FL 2005										
2.2L Probe	4.4	FL 821										
2.3L OHC Ranger/Mustang	5.0	FL 1 A										
2.3L HSC Tempo/Topaz	5.0	FL 300										
2.3L HSC Tempo/Topaz	5.0	FL 1 A										
2.5L Probe	4.2	FL 822										
2.9L Bronco II (91)/Ranger(92)	5.0	FL 1A										
3.0L (Vulcan) Aerostar/Ranger/Taurus/Sable	4.5	FL 400 S										
3.0L (Vulcan) Tempo/Topaz	4.5	FL 400 S										
3.0L (Vulcan) Probe	4.0	FL 400 S										
3.0L Villager	4.2	FL 839										
3.0L SHO Taurus	5.0	FL 400 S										
3.2L SHO Taurus	5.0	FL 400 S										
3.3L Villager	4.2	FL 2007										
3.4L SHO Taurus	6.5	FL 400 S										
3.8L Taurus/Sable/Continental(95)/Thunderbird/Cougar(97)	4.5	FL 400 S										
3.9L Lincoln LS	6.0	FL 2008										
4.0L Explorer/Mountaineer/Ranger/Aerostar(97)	5.0	FL 1 A										
4.0L Explorer/Mountaineer/Explorer Sport/Explorer Sport Trac/Ranger	5.0	FL 820 S										
4.0L Mustang	5.0	FL 820 S										
4.9L F-Series/E-Series/Bronco(92)	6.0	FL 1 A										
5.0L Mustang/Crown Victoria (91)/Grand Marquis(91)	5.0	FL 1 A										
5.0L Mustang Cobra	5.0	FL 300										
5.0L Thunderbird/Cougar/Mark VIII(92)	5.0	FL 1 A										
5.0L F-Series/E-Series/Bronco	6.0	FL 1 A										
5.8L E-Series	6.0	FL 1 A										
5.8L F-Series/Bronco	6.0	FL 1 A										
5.8L Crown Victoria Police/Grand Marquis	5.0	FL 300										
7.5L All Vehicles	6.0	FL 1 A										

Recommend Motorcraft SAE 15W-40	Oil Refill (Qts) (1)	Oil Filter	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
6.0L DIT Diesel Vehicles (3)	15.0	FL 2016										
7.3L DIT Diesel Vehicles (3)	15.0	FL 1995										
7.3L Diesel Vehicles (3)	10.0	FL 784										

Recommend Motorcraft SAE 5W-50	Oil Refill (Qts) (1)	Oil Filter	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
5.4L 4V GT (SC)	9.5	FL 2023										

Note (1): All capacities are with oil filter

Note (2): For 1993 - 1998 Flex Fuel Vehicle use XO-10W30-FVV

Note (3): Above 30F use Motorcraft 15W-40

-10F to 30F use Motorcraft 10W-30

below -10F use Motorcraft 0W-30

Note (4): The 2004 4.6L engine for this application was produced with two different oil filters depending on engine plant. Refer to the label on valve/cam cover for plant location.

If the label shows "REP", use oil filter number FL-820-S. If the label shows "Ford Windsor" use oil filter number FL-400-S.

SC = Supercharged  
(Bracketed Years) = last model year of production

Please check Chemical and Lubricants Product catalog on [FMCDealer.com](http://FMCDealer.com) or [MCDistributor.com](http://MCDistributor.com) for updates to this chart