

LUBRICANTS

Different engines have different needs

New technology, higher kilometers, different driving conditions and extended service intervals all have a real impact on engine oil demands. That's why Valvoline products go beyond industry specifications to achieve maximum performance and provide superior protection. With Valvoline, innovative chemistry is linked with recognized brands making it easy to choose the right products.





ENGINE OIL

Why is engine oil important?

The primary function of engine oil is to keep metal from touching metal. An engine contains hundreds of moving parts that must be protected if metal surfaces come in contact, wear occurs and friction will increase dramatically. With friction comes heat, which causes more wear and distorts moving engine parts. The oil in your engine maintains a thin, lubricating film on all metal parts that lets them glide over each other, minimizing friction.



ALL-FLEET® ENGINE OIL

Extra durability for long drain performance

Developed for a wide range of heavy duty engines, All-Fleet engine oils combat the higher levels of contamination and soot created in extended—and long drain operation to maintain advanced levels of engine protection and cleanliness. The All-Fleet range of Super High Performance Diesel (SHPD) engine oils exceeds required specifications, and helps fleet owners optimize engine life cycle cost and performance.

All-Fleet Engine Oils

- > Advanced additive technology reduces oil consumption and component wear
- > Outstanding protection over long-drain intervals
- > Superior soot control and corrosion protection
- > The optimum choice when maximizing life cycle costs
- > Compatible with EGR and SCR systems



All-Fleet Extreme 10W-40

- > Synthetic technology
- > Improved thermal and oxidation stability
- > Easy start-ups under very cold circumstances
- > Compatible with EGR and SCR systems

Performance Levels/Approvals >

All-Fleet Extreme 10W-40

ACEA E7-04 Issue 2, E5-02, E3-96/4, API CI-4, CH-4, CG-4, MAN 3275, MB 228.3, Volvo VDS-3, Renault RLD/RLD-2, Cummins 20.076/77/78, Mack EO-M+, DHD-1, MTU Typ 2, Caterpillar ECF1,2, Deutz DQC III



All-Fleet Extra 15W-40, 20W-50

- > Mineral base provides proven benefits at optimum costs
- > Fulfills the requirements of the EU Euro IV standards for truck engines
- > Maximizes engine durability
- > Compatible with EGR and SCR systems

Performance Levels/Approvals >

All-Fleet Extra 15W-40

ACEA E7-04, E5-02, E3-96/4, API CF-4, CG-4, CH-4, CI-4, Cummins 20.076/77/78, MB 228.3, Volvo VDS-3, MAN 3275, Mack EO-M plus, Global DHD-1, Renault RVI/RLD-2

All-Fleet Extra 20W-50

ACEA E3-96/4, API CF-4, CG-4, MAN 271, Mack EO-M+



All-Fleet 15W-40

- > Proven formula for mixed fleet applications

Performance Levels/Approvals >

All-Fleet 15W-40

ACEA A2-96, B3-98/2, E2-96/4, API CF-4, CG-4, CH-4, MB 228.1, 229.1, VW 505.00, MAN 271, Volvo VDS, Mack EO-L+

All-Fleet 20W-50

ACEA A2-96/3, B2-98/2, E2-96/4, API CF-4, CG-4, MB 228.1, MAN 271

Material Number Table	5L	20L	60L	208L	1000L	BULK
All-Fleet Extreme 10W-40		VE13766	VE13777	VE13778	VE13775	
All-Fleet Extra 15W-40	VE13711	VE13706		VE13718	VE13715	VE13719
All-Fleet Extra 20W-50		VE13726	VE13737	VE13738	VE13739	
All-Fleet 15W-40	VE12671	VE12666	VE12677	VE12678	VE12675	VE12679
All-Fleet 20W-50	VE12711	VE12705		VE12718		VE12719