



Max1 Advanced

Multigrade Synthetic Gasoline Engine Oil

Features & benefits

- Outstanding LSPI protection
- Optimum cold-weather performance & start-up protection
- Superior wear protection for all engine types
- Unique high film strength technology for modern motoring
- Exceptional oxidation resistance for severe-service & turbocharged applications
- Extended oil life

Specifications

✓ Meets requirements • Approved/Licensed * Backwards compatible

| Specification | 0W-16 | 0W-20 dexos® | 5W-20 | 5W-30 dexos® | 10W-30 | 10W-40 |
|---------------------|-------|-----------------|-------|-----------------|--------|--------|
| API SQ | • | • | • | • | • | • |
| API SP* | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| ILSAC GF-7A | - | • | • | • | • | - |
| ILSAC GF-7B | • | - | - | - | - | - |
| ILSAC GF-6A* | - | ✓ | ✓ | ✓ | ✓ | - |
| ILSAC GF-6B* | ✓ | - | - | - | - | - |
| Chrysler MS-6395 | - | ✓ | - | ✓ | - | - |
| Ford WSS-M2C970-A1 | - | - | ✓ | - | - | - |
| Ford WSS-M2C971-A1 | - | - | - | ✓ | - | - |
| Ford WSS-M2C972-A1 | - | ✓ | - | - | - | - |
| Ford WSS-M2C960-A1* | - | - | ✓ | - | - | - |
| Ford WSS-M2C961-A1* | - | - | - | ✓ | - | - |
| Ford WSS-M2C962-A1* | - | ✓ | - | - | - | - |
| GM dexos™ 1 Gen 3* | - | • | - | • | - | - |

Sizes & order codes

| Size | 0W-16 | 0W-20 dexos® | 5W-20 | 5W-30 dexos® | 10W-30 | 10W-40 |
|----------------------------------|----------|-----------------|----------|-----------------|----------|----------|
| 946 mL (1 US QT) | F0131606 | F0131706 | F0131906 | F0131806 | F0132606 | F0132806 |
| 5 L (1.32 US gal) | F0131630 | F0131730 | F0131930 | F0131830 | - | - |
| 60 L (15.85 US gal) | F0131645 | F0131745 | F0131945 | F0131845 | - | - |
| 205 L (54.2 US gal) | - | F0131750 | F0131950 | F0131850 | - | - |
| 1000 L (264 US gal) | - | F0131760 | F0131960 | F0131860 | - | - |
| 1000 L (264 US gal) Bulk Tote | F0131601 | F0131701 | F0131901 | F0131801 | - | - |
| Bulk | B0131801 | B0128401 | B0132001 | B0128301 | B0132301 | B0132201 |

Max1 Advanced is designed to meet the most severe demands of modern motoring. New engine hardware, particularly the latest turbocharged direct-injection engines, increases thermal and loading stress on your engine oil.

Max1 Advanced is designed to cope with these increased temperatures and pressures providing stable protection and operation throughout the life of the oil.

Max1 Advanced motor oil contains unique film strength additives to enhance the protective barrier between critical engine components. It is also designed to resist the oxidative break-down and shearing loss associated with operation at higher temperatures maintaining a strong and durable film for maximum engine protection.

Max1 Advanced exceeds the latest performance requirements of ILSAC GF-7A and ILSAC GF-7B (0W-16) and is fully approved against the latest GM dexos™1 Gen 3 specification for our 0W-20 and 5W-30 grades.

Max1 Advanced is particularly robust in both low-speed pre-ignition (LSPI) and turbocharger protection making it suitable for the latest TGD1 designs and all severe-service applications.



Always consult your owner's manual for verification of fluid type and grade!

Supporting data available to demonstrate acceptable performance. Check with Sales Associate for the latest product approvals.

Please note these are typical performance indicators and can change without notice.

This data sheet replaces previous versions prior to June 2, 2025.

www.irvingoil.com/lubricants 1.800.574.5823



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Typical results

| Test Method | 0W-16 | 0W-20 dexos® | 5W-20 | 5W-30 dexos® | 10W-30 | 10W-40 |
|--|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| VISCOSITY (D445) cSt @ 40°C cSt @ 100°C | 37.2 7.3 | 42.2 8.0 | 47.4 8.5 | 60.7 10.8 | 66.8 10.9 | 101.9 15.5 |
| VISCOSITY INDEX (D2270) | 162 | 165 | 158 | 171 | 153 | 161 |
| DENSITY @ 15°C (D4052), kg/L | 0.84 | 0.84 | 0.84 | 0.85 | 0.85 | 0.85 |
| POUR POINT (D5949), °C | -63 | -42 | -51 | -39 | -39 | -39 |
| FLASH POINT (D93), °C | 207 | 203 | 207 | 204 | 205 | 204 |
| COLD CRANKING VISCOSITY (D5293), cP | 4169 @ -35°C | 5249 @ -35°C | 3866 @ -30°C | 3683 @ -30°C | 4289 @ -25°C | 4965 @ -25°C |
| TBN (D2896), mg KOH/g | 7.5 | 8.0 | 7.5 | 8.0 | 7.7 | 7.6 |
| MRV VISCOSITY (D4684), cP | 13,600 @ -40°C | 19,000 @ -40°C | 11,700 @ -35°C | 14,500 @ -35°C | 12,300 @ -30°C | 19,000 @ -30°C |
| HTHS VISCOSITY (D4683), cP @ 150°C | 2.4 | 2.60 | 2.7 | 3.20 | 3.3 | 4.2 |



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