



Max1 100% Synthetic

Multigrade Synthetic Gasoline Engine Oil

Features & benefits

- Full synthetic
- Specialised high film strength technology protects the engine's internal components
- Exceptional oxidation resistance for severe-service and turbocharged applications
- Optimum performance in cold weather and during engine start-up
- Outstanding protection against low-speed pre-ignition (LSPI)
- Superior wear protection for all engine types, new and old
- Better fuel economy than the previous generations of the Max1 100% Synthetic



Specifications

- ✓ Meets requirements • Approved/Licensed

Specification	0W-16	dexos® 0W-20	5W-20	0W-30	dexos® 5W-30	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*	-	•	-	-	•	-	-

* Backwards compatible

Max1 100% Synthetic 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 100% Synthetic is formulated to withstand these increased temperatures and pressures providing stable protection and reliable performance throughout the oil's service life.

Max1 100% Synthetic 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 100% Synthetic 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 100% Synthetic 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 July 29, 2026.

www.irvingoil.com/lubricants 1.800.574.5823



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Sizes & order codes

Size	0W-16	dexos® 0W-20	5W-20	0W-30	dexos® 5W-30	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	F0134960	F0131860	-	-
1000 L (264 US gal) Bulk Tote	F0131601	F0131701	F0131901	-	F0131801	-	-
Bulk	B0131801	B0128401	B0132001	B0131901	B0128301	B0132301	B0132201

Typical results

Test Method	0W-16	dexos® 0W-20	5W-20	0W-30	dexos® 5W-30	10W-30	10W-40
VISCOSITY (D445) cSt @ 40°C cSt @ 100°C	37.2 7.3	42.2 8.0	47.4 8.5	54.6 10.1	60.7 10.8	66.8 10.9	101.9 15.5
VISCOSITY INDEX (D2270)	162	165	158	174	171	153	161
DENSITY @ 15°C (D4052), kg/L	0.84	0.84	0.84	0.84	0.85	0.85	0.85
POUR POINT, °C (D97) (D5949)	- -63	-42 -	- -51	- -42	-42 -	- -42	- -39
FLASH POINT (D93), °C	207	203	207	206	204	205	204
COLD CRANKING VISCOSITY (D5293), cP	4169 @ -35°C	5249 @ -35°C	3866 @ -30°C	3151 @ -35°C	3683 @ -30°C	4289 @ -25°C	4965 @ -25°C
TBN (D2896), mg KOH/g	7.5	8.0	7.5	7.7	8.0	7.7	7.6
MRV VISCOSITY (D4684), cP	13,600 @ -40°C	19,000 @ -40°C	11,700 @ -35°C	22,100 @ -40°C	14,500 @ -35°C	12,300 @ -30°C	19,000 @ -30°C
HTHS VISCOSITY (D4683), cP @ 150°C	2.4	2.6	2.7	2.9	3.2	3.3	4.2

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