



# MAX1 Advanced 100% Synthetic PCMO



## 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 \* Backwards compatible

Specification	0W-16	0W-20 dexos®	5W-20	5W-30 dexos®	10W-30	10W-40
API SP*	•	•	•	•	•	•
API SN PLUS/SN*	✓	✓	✓	✓	✓	✓
ILSAC GF-6A*	-	•	•	•	•	-
ILSAC GF-6B	•	-	-	-	-	-
ILSAC GF-5*	-	✓	✓	✓	✓	-
Chrysler MS-6395	-	✓	-	✓	-	-
Ford WSS-M2C960-A1	-	-	✓	-	-	-
Ford WSS-M2C961-A1	-	-	-	✓	-	-
Ford WSS-M2C962-A1	-	✓	-	-	-	-
Ford WSS-M2C945-B1*	-	-	✓	-	-	-
Ford WSS-M2C946-B1*	-	-	-	✓	-	-
Ford WSS-M2C947-B1*	-	✓	-	-	-	-
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	F0126206	F0124806	F0124706	F0124906	F0124306	F0124606
5L 1.32 US Gal	F0126230	F0124830	F0124730	F0124930	-	-
60L 15.85 US Gal	F0126245	F0124845	F0124745	F0124945	-	-
205L 54.2 US Gal	-	F0124850	F0124750	F0124950	-	-
1000L 264 US Gal	-	F0124860	F0124760	F0124960	-	-
BULK TOTE	F0126201	F0124801	F0124701	F0124901	-	-
BULK	B0123901	B0128401	B0123301	B0128301	B0124001	B0124901

**MAX1 Advanced 100% Synthetic** is designed to meet the most severe demands of modern motoring. New engine hardware, particularly the latest turbocharged direct-injection engines, place increased thermal and loading stress on your engine oil.

**MAX1 Advanced 100% Synthetic** is designed to cope with these increased temperatures and pressures providing stable protection and operation throughout the life of the oil.

**MAX1 Advanced 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 breakdown and shearing loss associated with operation at higher temperatures maintaining a strong and durable film for maximum engine protection.

**MAX1 Advanced 100% Synthetic** exceeds the latest performance requirements of ILSAC GF-6A and ILSAC GF-6B (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 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.



[www.irvingoil.com/lubricants](http://www.irvingoil.com/lubricants)  
1.800.574.5823

Always consult your owner's manual for verification of fluid type and grade!  
Supporting data available to demonstrate acceptable performance. Check with your sales associate for latest product approvals.  
Please note, these are typical performance indicators and can change without notice.  
This data sheet replaces previous versions prior to Aug 19, 2022.  
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# MAX1 Advanced 100% Synthetic PCMO



## Typical Results

Test Method	0W-16	0W-20 dexos®	5W-20	5W-30 dexos®	10W-30	10W-40
<b>SAE GRADE</b>	0W-16	0W-20	5W-20	5W-30	10W-30	10W-40
<b>VISCOSITY (D445)</b> cSt @ 40°C cSt @ 100°C	37.6 7.3	42.2 8.0	47.8 8.5	60.7 10.8	60.7 9.9	93.3 14.1
<b>VISCOSITY INDEX (D2270)</b>	172	165	156	171	148	156
<b>DENSITY @ 15°C (D4052), kg/L</b>	0.84	0.84	0.84	0.85	0.85	0.85
<b>POUR POINT (D97), °C</b>	-49	-42	-47	-39	-45	-41
<b>FLASH POINT (D93), °C</b>	205	203	209	204	205	206
<b>COLD CRANKING VISCOSITY (D5293), cP</b>	4878 @ -35°C	5249 @ -35°C	4164 @ -30°C	3683 @ -30°C	4046 @ -25°C	5169 @ -25°C
<b>TOTAL BASE NUMBER (D2896), mg KOH/g</b>	7.0	8.0	7.0	8.0	7.0	7.0
<b>MRV VISCOSITY (D4684), cP</b>	12,800 @ -40°C	19,000 @ -40°C	11,000 @ -35°C	14,500 @ -35°C	9,400 @ -30°C	18,100 @ -30°C
<b>HIGH-TEMP HIGH-SHEAR VISCOSITY (D4683), cP @ 150°C</b>	2.33	2.60	2.68	3.20	3.01	3.95



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