



MAX 1 ADVANCED SYNTHETIC

Today's engines use the most sophisticated and demanding technology for improved performance, fuel economy and pollution control. Automakers have called for a new class of motor oils for improved protection of these more advanced engines. That's why we've introduced **Max 1 Advanced Synthetic**.

Features

Max 1 Advanced Synthetics meets or exceeds the following standards:

- API SM, SL, SJ
- Synthetic technology protection additives with Unique film strengthening technology
- Designed for the latest in engine technology including:
 - Turbo/Super chargers
 - Direct Injection
 - High power density engines
 - Variable Valve technology
 - Cylinder deactivation
 - Flex fuel technology
- Enhanced detergent & dispersants
- Low oxidation & high thermal stability

Benefits

- Robust for improved engine durability
- Incredible film strength preventing metal to metal contact
- Superior start up protection – even in extreme cold
- Resists high temperature volatility burn-off & deposits
- Reduced foaming
- Protects against corrosion
- Enhance emulsion for FFV
- Prevents sludge and abrasive deposits
- Suitable for extended drain protection as recommended by OEM's

Max 1 Advanced is fully synthetic uniquely engineered with high quality synthetic base oils and superior synthetic technology additives that have demonstrated exceptional performance. We not only beat the tougher protection requirements of API SM, but also surpassed the stricter limits defined by automakers for some of their highest performing engines.

Here's what's special about **Max 1 Advanced**:

- High temperature protection for turbo/super charged and high power density engines
- Prevents high volatility burn-off not met by conventional or synthetic blends
- Improved foaming resistance for superior performance in engines equipped with variable valve timing and/or cylinder deactivation
- Unique film strength technology to protect the special wear concerns of direct injected engines
- Superior cam wear protection for maximum valve train performance and longevity
- Corrosion protection & emulsion stability with use of ethanol based fuel in Flex Fuel applications

For the best year round protection available, use **Max 1 Advanced 5W40**. Even in the coldest of environments, it delivers fast oil circulation at start-up and maintains a strong protective film barrier for maximum protection

Max 1 Advanced Synthetics... designed for today's most demanding technology with an eye towards tomorrow's.



Max 1 Advanced Synthetic

Typical Performance Results

	0W30	0W40	5W20	5W30	5W40	5W50	10W30	10W40
VISCOSITY (D-445)								
cSt @ 40°C	57.5	89.1	48.89	61.84	94.85	134.4	66.34	106.6
cSt @ 100°C	10.4	15.2	8.76	10.72	15.65	20.7	10.65	15.5
VISCOSITY INDEX (D-2270)	172	181	160	165	176	179	146	154
FLASH POINT °C (D-93)	234	230	204	204	200	224	206	252
POUR POINT °C (D-97)	-47	-47	-42	-45	-48	-39	-36	-37
CCS, (D-5293)								
cP @ -25°C (max. 7000)			-	-	-		4615	6156
cP @ -30°C (max. 6600)			4282	4608	5822	5792	-	-
cP @ -35°C (max. 6200)	5517	5905						
HTHS VISCOSITY (D-4683)								
mPa s @ 150°C	2.97	3.81	2.68	3.08	4.1	4.80	3.14	4.15

Available Package Sizes

Max 1 Advanced Synthetic	473mL (1 US pint)	946mL (1 US quart)	3.78L (1 US gal)	20L Pail (5.28 US gal)	205L Drum (54.2 US gal)	210L Drum (55.5 US gal)	500L Cube (132 US gal)	1000L Cube (264 US gal)	Bulk
0W30		X							
0W40		X							
5W20		X	X			X	X	X	X
5W30		X	X			X	X	X	X
5W40		X	X			X	X	X	X
5W50		X							
10W30		X	X			X	X	X	X
10W40		X	X			X	X	X	X

