



SAE 0W-20, 5W-20 & 5W-30 MOTOR OIL



MFA Oil dexos1™ Motor Oil is a state-of-the-art, advanced technology motor oil which provides the highest level of engine protection available, even under severe operating conditions. MFA Oil dexos1™ provides exceptional resistance to high temperature oxidation thickening. Sophisticated additives prevent sludge formation commonly caused by moisture and combustion by-products. Exceptionally high viscosity indices minimize cold weather oil thickening, which greatly reduces battery drain and engine wear, even at subzero start ups.

- Reduces friction and prevent engine wear
- Significantly reduces engine sludge to near zero
- Protects the vehicle's catalyst system to help protect the environment

Key differences between dexos1™ and ILSAC GF-5/API SN are:

- GM Proprietary Test: Opel RNT and Opel OP-1
- Includes ACEA Engine Tests: TU5JP, TU3MS and M271SL
- Higher Seq. IIG Weighted Piston Demerit requirement: 4.5 vs. 4.0
- Higher Seq. VG sludge requirements: AES 8.3 vs 8.0, RCS 8.5 vs 8.3
- Lower Noack Volatility: 13% vs 15%
- Better shear stability: requires passing the Bosch Injector Shear Stability Test



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Typical Characteristics

PRODUCT	0W-20	5W-20	5W-30
Gravity, °API	35.36	34.54	34.54
Specific Gravity @ 60°F (15.6°C)	0.848	0.8522	0.8522
Viscosity @ 40°C cSt	43	50.93	63.95
Viscosity @ 100°C cSt	8.272	8.835	10.93
Viscosity Index	171	153	163
Pour Point °C (°F)	-45°C (-49°F)	-45°C (-49°F)	-45°C (-49°F)
Cold Cranking Simulator at (°C), cP	5300 (-35)	5226 (-30)	5100 (-30)
High Temperature / High Shear Vis at 100°C, cP	5.7	6.3	7.15
High Temperature / High Shear Vis at 150°C, cP	2.63	2.75	3.2
Noack Volatility, % loss	12.6	10.9	10.5
Color	2.5	2.5	2.5
Zinc, wt. %	0.085	0.085	0.085
Phosphorus, wt. %	0.079	0.079	0.079
Calcium, wt. %	0.214	0.214	0.214
Sulfur, wt. %	0.306	0.306	0.252
Boron, wt. %	0.023	0.023	0.023
Molybdenum, wt. %	0.0079	0.0079	0.0079
Sulfated Ash, wt. %	0.92	0.92	0.92
Nitrogen, wt. %	0.102	0.102	0.102
Pumping Viscosity at (°C), cP	21,000 (-40)	14,282 (-35)	18,400 (-35)
Shear Stability	7.4	8.07	9.43
TBN, mgKOH/g	7.9	7.9	7.9

Performance Level

API SN, SM, SL, ILSAC GF-5,
ILSAC GF-4, M2C945-A

Meets or exceeds GM dexos1™ specifications for worldwide warranty requirements for all GM automotive gasoline engines currently in use. Suitable for use where GM 4718M and GM 6094M was previously recommended.

Available In:

Qt, 6 Gal Bag-in-the Box, 55 Gal Drum,
330 Gal Tote, Bulk*

* Available by special request

