

PRODUCT DATA SHEET

ENEOS FULLY SYNTHETIC MOTOR OIL

DESCRIPTION

ENEOS FULLY SYNTHETIC MOTOR OIL is formulated from 100% synthetic base oil, providing superior thermal and oxidation breakdown resistance. These oils flow better at cold temperatures, reducing wear on critical engine parts at start up. ENEOS FULLY SYNTHETIC MOTOR OIL contains a carefully balanced blend of additives that help improve fuel mileage by keeping the engine clean, protecting vital engine parts from wear and reducing internal friction.

APPLICATION


ENEOS FULLY SYNTHETIC MOTOR OIL meets or exceeds the requirements of:

	ENEOS 0W-16	ENEOS 0W-20	ENEOS 5W-20	ENEOS 5W-30	ENEOS 5W-40
API SN Plus	✓	✓	✓	✓	-
API SN/SM/SL*/SJ*	✓	✓	✓	✓	✓
API CF*	✓	✓	✓	✓	✓
ILSAC GF-5	✓	✓	✓	✓	-
GM dexos1™, 4718M, 6094M*	-	✓	-	✓	-
Chrysler MS6395	-	✓	✓	✓	-
FORD WSS-MC 947A, B1 (0W-20) FORD WSS-MC 945A, B1 (5W-30)	-	✓	-	✓	-
ACEA C3, MB229.31/ 229.51, VW50500/50501, GM dexos2™, BMW LL-04, Porsche A40	-	-	-	-	✓

*Obsolete

TYPICAL PROPERTIES

SAE GRADE	ASTM	0W-16	0W-20	5W-20	5W-30	5W-40	
Density, g/cm ³ @ 15C (60F)	D4052	0.847	0.846	0.85	0.851	0.853	
Color, ASTM	D1500	L2.5	L2.5	L3.0	L3.0	L3.0	
Flash Point (COC), C	D92	230	224	235	228	242	
MRV (@ -40C or -35C)	D4684	23,000	23,400	11,300	13,000	13,000	
Pour Point, C	D97	-45	-42	-39	-39	-39	
CCS (@ -35C or -30C)	D5293	5,450	4,850	4,000	3,950	6,000	
NOACK Volatility	D5800	12	12	9.5	11	9.8	
Kinematic Viscosity	mm ² /s @40C	D445	36.6	44.0	46.4	63.1	75.4
	mm ² /s @40C	D445	7.2	8.3	8.4	10.8	13.5
Viscosity Index	D2270	163	168	160	162	185	
TBN, mgKOH/g	D2896	8.50	8.19	9.01	8.2	7.3	

 **ENEOS** is the corporate brand name of JXTG Nippon Oil & Energy Corporation, the largest oil company in Japan. ENEOS brand oil is developed to exceed the highest standards of the automotive industry. ENEOS product ranges from oil that offers optimal performance protection under the most extreme temperature variations, to ecologically friendly oil that provides superior fuel saving capacity. For more information please visit www.eneos.us.