Technical Data Sheet

FORMULASHELL® CONVENTIONAL MOTOR OIL

Meets API Service Categories SN, SM, SL etc. and Resource Conserving ILSAC GF-5 specifications.
Has enhanced wear protection and outstanding resistance to thermal breakdown at operating temperatures.

PRODUCT DESCRIPTION

FORMULASHELL® CONVENTIONAL MOTOR OIL is formulated for improved fuel economy and to provide engine protection and performance required by modern engines. FORMULASHELL® CONVENTIONAL MOTOR is compatible with other conventional and synthetic oils. It exceeds all automobile and light truck warranty requirements for gasoline and turbocharged engines where anAPI SN and ILSAC GF-5 oil is recommended. Always follow the vehicle manufacturer's recommendation for the right viscosity grade and API Service Category.

FEATURES

FORMULASHELL® CONVENTIONAL MOTOR OIL meets or exceeds:

- North American warranty requirements for U.S., European and Japanese cars and light trucks with gasoline and gasoline turbo-charged engines where API SN with Resource Conserving, SN, SM, SL, SJ etc. oils are specified
- ILSAC GF-5 standard
- Meets to GM 6094M specification (SAE 5W-20, 5W-30 and SAE 10W-30)
- Meets Chrysler MS-6395 specification (SAE 5W-20, 5W-30, 10W-30)
- Meets Ford WSS-M2C945-A and WSS-M2C930-A specifications (SAE 5W-20), and WSS-M2C946-A and WSS-M2C929-A specifications (5W-30)

.

BENEFITS

- Protection for extremely high temperatures.
- Protection against harmful deposits and acids, which aids in a clean running and lasting engine.
- May be used at any time in an engines life-cycle and is fully compatible with conventional engine oils.

TYPICAL PHYSICAL AND CHEMICAL PROPERTIES
FORMULASHELL® CONVENTIONAL MOTOR OIL

TEST	**TYPICAL RESULTS**		
SAE Viscosity Grade	**5W-20**	**5W-30**	**10W-30**
API Gravity	33.01	33.08	30.68
Viscosity, cSt, 40°C	47.33	62.87	69.05
Viscosity, cSt, 100°C	8.4	10.61	10.42
Flash Point, °C	227	225	228
Pour Point, °C	-48	-38	-43
CCS Viscosity, cP (°C)	5,350 (-30°C)	5,820 (-30°C)	6,100 (-25°C)
MRV Viscosity, cP (°C)	15,710 (-35°C)	22,100 (-35°C)	19,500 (-30°C)

August 2011