

Technical Data Sheet

DESCRIPTION

Proteck Synthetic Blend Engine Oils are premier new generation synthetic blend engine oils engineered with a combination of the highest quality synthetic, highly refined mineral oil base stocks and the latest additive technology. **Proteck Synthetic Blend Engine Oils** are fortified with molybdenum disulfide friction modifiers to reduce the occurrence of low speed preignition (LSPI). **Proteck Synthetic Blend Engine Oils** are designed to provide optimum performance and protection in passenger cars, sport utility vehicles, vans and light trucks. **Proteck Synthetic Blend Engine Oils** offer enhanced thermal and oxidation stability, improved fuel economy, exceptional piston cleanliness, superior wear protection, outstanding protection against harmful deposits as well exceptional low temperature properties. **Proteck Synthetic Blend Engine Oils** meet and exceed the stringent requirements of API SP/Resource Conserving as well as the requirements of ILSAC GF-6A.

FEATURES

- Optimum Performance and Protection
- Improved Fuel Economy
- Superior Wear Protection
- Emission System and Turbocharger Protection
- Excellent Low Temperature Properties
- Enhanced Protection Against LSPI
- Superior Resistance to Viscosity and Thermal Breakdown
- Excellent High Temperature Performance
- Exceptional Piston Cleanliness
- Protects Against Sludge and Varnish Formation
- Reduced Oil Consumption
- Compatible With High Ethanol Fuels (up To E85)

APPLICATIONS

Specification	5W-20	5W-30	10W-30
API SP	Yes	Yes	Yes
API SN Plus/SN*	Yes	Yes	Yes
Resource Conserving	Yes	Yes	Yes
ILSAC GF-6A	Yes	Yes	Yes
ILSAC GF-5*	Yes	Yes	Yes
Ford WSS-M2C960-A1	Yes	-	-
Ford WSS-M2C961-A1	-	Yes	-
Ford WSS-M2C945-B1 *	Yes	-	-
Ford WSS-M2C946-B1 *	-	Yes	-
Chrysler MS-6395	Yes	Yes	Yes
Honda	Yes	-	-
Toyota	Yes	-	-

* Backwards Compatible

PROPERTIES

Product Code	01169	01170	01171
SAE Grade	5W-20	5W-30	10W-30
Viscosity, Kinematic			
cSt @ 40 °C	50.80	68.1	70.90
cSt @ 100 °C	8.49	11.25	11.10
Viscosity Index	143	159	148
Flash Point, °C, ASTM D7094	203	202	200
Pour Point, °C	-45	-43	-40
Specific Gravity	0.8590	0.8554	0.8600
Density, lbs/gal	7.16	7.13	7.16
Color, ASTM D1500	2.5	2.5	2.5
Cold Cranking Viscosity, cP @ (°C)	6100 (-30)	5600 (-30)	4500 (-25)
Noack Volatility, 1 hr. @ 250 °C, %	11.1	11.5	10.1
HTHS Shear Viscosity, cP @150 °C	2.65	3.17	3.21

*Consult Owners Manual For Application Requirements