

# Technical Data Sheet

## DESCRIPTION

**Proteck dexos1™ Gen3 Full Synthetic Engine Oils** are premium quality multi-grade engine oils designed and licensed to meet and exceed the stringent warranty requirements of General Motors dexos1™ Gen3 specifications for gasoline fueled GM vehicles as well as meeting the warranty requirements for use in most major manufacturers of gasoline engines. **Proteck dexos1™ Gen3 Full Synthetic Engine Oils** are engineered with premier base stocks and advanced technology that provide outstanding performance and protection. **Proteck dexos1™ Gen3 Full Synthetic Engine Oils** deliver performance beyond GM requirements such as exceptional wear protection, enhanced fuel economy, maximum protection against low speed preignition (LSPI), superior piston cleanliness, outstanding oxidation, high temperature deposit and sludge control. **Proteck dexos1™ Gen3 Full Synthetic Engine Oils** are fully licensed for service fill in all GM vehicles, they also meet and exceed the stringent requirements of API SP/Resource Conserving/ILSAC GF-6A and are recommended for use in flex-fuel vehicles operating with ethanol fuels up to E85.

## FEATURES

- Exceptional wear protection
- Maximum protection against low speed preignition (LSPI)
- Superior piston cleanliness
- Enhanced fuel economy
- Excellent low temperature performance during cold starts
- Enhanced oxidation and sludge control
- Excellent thermal stability and resistant to viscosity breakdown
- Outstanding high temperature deposit control
- Enhanced friction properties for maximum wear protection
- Low volatility for reduced oil consumption
- Enhanced emissions system and turbocharger protection
- Outstanding protection against rust and bearing corrosion

## APPLICATIONS

Specification	0W-20	5W-20	5W-30
dexos1™ Gen 3	Yes	Yes	Yes
GM License Number	D330BACJ097/ D330BBCJ097	D330EACJ097/ D330EBCJ097	D330AACJ097/ D330ABCJ097
Service Fill for GM Vehicles	Yes	Yes	Yes
API SP	Yes	Yes	Yes
Resource Conserving	Yes	Yes	Yes
ILSAC GF-6A	Yes	Yes	Yes
Ford WSS-M2C960-A1	-	Yes	-
Ford WSS-M2C961-A1	-	-	Yes
Ford WSS-M2C962-A1	Yes	-	-
Ford WSS-M2C945-B1 *	-	Yes	-
Ford WSS-M2C946-B1 *	-	-	Yes
Ford WSS-M2C947-B1 *	Yes	-	-
GM6094M	-	Yes	Yes
Honda HTO-06	-	Yes	Yes
ACEA A5-02	-	Yes	Yes

\* Backwards Compatible

## PROPERTIES

Product Code	11121	11122	11123
SAE Grade	0W-20	5W-20	5W-30
Viscosity, Kinematic			
cSt @ 40 °C	44.0	45.8	62.6
cSt @ 100 °C	8.21	8.33	11.1
Viscosity Index	163	159	171
Flash Point, °C, ASTM D 92	229	233	237
Pour Point, °C, ASTM D97	-42	-39	-42
Specific Gravity	0.8454	0.8478	0.8468
Density, lbs/gal	7.04	7.06	7.05
Color, ASTM D1500	3.0	3.0	3.0
Cold Cranking Viscosity, cP @ (°C)	5700 (-35)	3800 (-30)	3600 (-30)
Noack Volatility, 1 hr. @ 250 °C, %	10.5	10.2	11.1
HTHS Shear Viscosity, cP @150 °C	2.60	2.70	3.30

\*Consult Owners Manual For Application Requirements

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