



Product Description

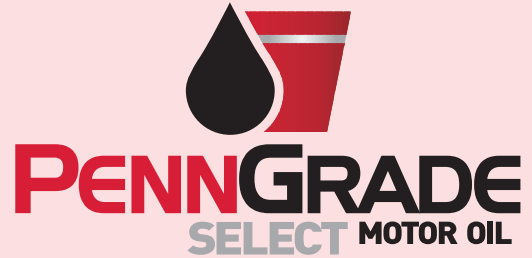
PennGrade Select is a premium full synthetic gasoline motor oil formulated to meet or exceed the requirements of today's toughest standards. PennGrade Select is made with a blend of high performance synthetic base oils that are enhanced with a synergistic additive system. PennGrade Select is formulated with the proper balance of detergent systems, antioxidants, and dispersants to minimize harmful deposits and sludge, ensuring proper engine performance throughout the life of the oil. PennGrade Select has improved compatibility with ethanol-containing fuels and offers exceptional protection for catalytic emission systems. PennGrade Select delivers the fuel economy of a 5W-20, with the durability of a 5W-30.

Features and Benefits

- Dexos 1™ approved for SAE 0W-20, 5W-20, and 5W-30 grades
- Outstanding thermal and oxidation stability delivers excellent performance during the maximum oil change interval recommended by the engine manufacture.
- Enhanced cleanliness protects against harmful sludge build-up and piston deposits
- Excellent low temperature capabilities help aide in ultra-fast cold weather start-up protection.
- Advanced additive technology reduces turbo charger coking on newer gasoline direct injection (GDI) engines.

D-A Lubricant Company, Inc.
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1-800-OIL-LUBE (1-800-645-5823)





Typical Applications

PennGrade Select is recommended for all types of modern gasoline engines, including high performance turbo charged and direct injection engines.

Approvals:

General Motors service fill Dexos 1™
API SN
ISLAC GF-5
Resource Conserving

Meets or exceeds the requirements of:

Chrysler MS-6395
Ford WSS-M2C945-A (5W-20)
Ford WSS-M2C946-A (5W-30)
GM 6094M
GM 4718M

Typical Properties

SAE Grade		0W-20	5W-20	5W-30
Dexos 1™ license number		RB1F0708128	RB1F0710128	RB1F0706128
Viscosity at 100°C, cSt	ASTM D445	8.3	8.5	10.7
Viscosity at 40°C, cSt	ASTM D445	44.3	49	62.6
Viscosity Index	ASTM D2270	164	155	163
Cold Cranking Viscosity, cP	ASTM D5293	5800 @ -35C	5600 @ -30C	5500 @ -30C
MRV Viscosity, cP	ASTM D4684	18300 @ -40C	18700 @ -35C	24000 @ -35C
HTHS Viscosity at 150C, mPa*s	ASTM D4683	2.6	2.8	3.1
Noack Volatility, wt%	ASTM D5800	12.4	9.4	10.6
Specific Gravity@ 60°F	ASTM D1298	0.8479	0.8523	0.8521
Flash Point, °F/°C	ASTM D92	444 / 229	428 / 220	459 / 237
Pour Point, °F/°C	ASTM D97	-49 / -45	-44 / -42	-38 / -39
Sulfated Ash, wt%	ASTM D874	0.9	0.9	0.9
D-A Part Number:	Bulk	61521	61501	61511
	Drum - 55 Gal	61522	61502	61512
	4-1 Gal Case, net 4 Gal	61524	61504	61514
	12-1 Qt Case, net 3 Gal	61526	61506	61516

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