



# Dilmar Oil Company

# Synmax Synthetic Motor Oils

Dilmar's Synmax Motor Oils 0W20, 10W30, 5W30 and 5W20 are premium synthetic multi-grade passenger car motor oils (PCMO) formulated to provide engine protection under severe operating conditions. SynMax Oils are formulated from highly refined Group III synthetic oils compounded to provide excellent anti-wear performance, high detergency, protection against corrosion, prevent oxidative thickening, and inhibit promotion of engine acids, sludge, and varnish deposits.

SynMax 0W20, 10W30, 5W30, 5W20 are recommended for all major automotive gasoline engines domestic and foreign manufacturers, including those equipped with both superchargers and turbochargers, used in passenger cars, light trucks, and other stationary/mobile equipment.

## Features

- Meets or exceeds API Service SN.
- Meets or exceeds ILSAC Starburst GF-5 requirements.
- Meets passenger car and light truck manufacturers warranty requirements.
- Lubricates, cools, and protects turbo-charged high-revving engines that operate at high temperatures.
- Protects the engine in controlling varnish, deposits, rust, corrosion, wear, and cleanliness.
- Designed to flow at low temperatures to get to vital engine parts quickly.

## Applications

- Passenger car and truck gasoline, propane, and natural gas engines specifying API service SN engine oils.
- Maintains the warranty requirements for today's passenger car and light duty trucks specifying ILSAC Starburst GF-5 engine oils.
- Reduces high temperature oxidation.
- Energy-Conserving for improved fuel economy.
- API License Certification no. is #2325

### Typical Properties:

Test	Method	0W20	5W20	5W30	10W30
Viscosity @40 °C cSt	ASTM (D445)	45.0	49.4	63.1	63.1
Viscosity @100 °C cSt	ASTM (D445)	8.62	8.81	10.9	10.9
Viscosity Index	ASTM (D2270)	173	159	166	166
CCS Viscosity cP @-35 °C	ASTM (D5293)	5880			
CCS Viscosity cP @-30 °C	ASTM (D5293)		4773	5200	5200
Flash Point °C	ASTM (D92)	206	202	199	199
Pour Point, °C	ASTM (D97)	-48	-45	-44	-44
Noack Volatility	ASTM (D5800)	13.5	11.1	11.0	11.0
Color	ASTM (1500)	L3.5	L3.5	L3.5	L3.5
Zinc, ppm	spectrometer	880	880	880	880
Phosphorus, ppm	spectrometer	780	770	760	760