

Product Data Sheet

SYNTHETIC MOTOR OIL

EXOL DISCOVERY

SAE 0W - 40

API SM/CF

Packing Size

1L **4L** **5L** **20L** **25L** **208L**



Product Description

EXOL DISCOVERY Synthetic lubricants offer superior performance for the higher power and speeds in today's engines and for all types of modern vehicles. It's unique and proprietary formula helps your vehicle maintain maximum horsepower by reducing harmful deposit formation for engines. Advanced additive packages, that neutralizes corrosive particles, preventing them from grouping together and forming power-robbing sludge.

Main Benefits

- Engine protection against wear and sludge.
- Longer drain interval.
- Engine cleanliness and low combustion residue.
- Fuel economy and better cold starting.
- Oxidation resistant, good high temperature stability.

Application

Exol Discovery 0W-40 Fully Synthetic Engine Oils are suitable for use in gasoline and diesel engines, naturally aspirated and turbocharged of passenger cars and LCV's where the manufacturer recommended API specification is SM/CF or earlier. It is suitable for use with both leaded and unleaded fuels, and is miscible with any other engine oil.

Typical Test Data

Description	Test Method	Units	0W-40
Density @ 15.6 °C Relative	ASTM D4052	g/ml	0.845 - 0.855
Viscosity Kinematic @ 100 °C, mm ² /s	ASTM D445	mm ² /s	14.0 - 15.0
Viscosity @ 40	ASTM D445	mm ² /s	70-80
Viscosity Index (Calculated)	ASTM D2270	None	170 - 180
Viscosity Low Temp. Cranking cP @ Temp °C	ASTM D5293	mPa.s (cP)	4500 - 5500 (-35°C)
Flash Point °C (PMCC)	ASTM D93	°C	>215
Pour Point	ASTM D97	°C	<-45
Total Base Number, mg KOH/g	ASTM D2896	Koh/g	8.0 - 9.0
Sulfated Ash	ASTM D874	% wt	1-1.2

Health & Safety

Please refer to the relevant health and safety data sheet, a copy of which is freely available to all of our customers.

Storage

All packaged products should be stored under covered Storage. If Covered Storage is not possible for Drum packaging, Storage can be done outside storage and drums should be laid horizontally to prevent water seepage. Products should not be stored above 60°C or freezing conditions.

January 5, 2014

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