

SAE 40

Gasoline Engine

TECHNICAL DATA SHEET

Product Description

ALES SAE 40 is a monograde lubricant formulated with high-quality base stocks and a balanced additive system to provide a high level of engine protection and performance. It works harder than other conventional motor oils by continuously preventing dirt and sludge build-up and reducing engine noise. This product meets the requirements of most mixed fleet applications and is suitable for general service and commercial engines.

Features & Benefits

- Premium protection against viscosity shearing and thermal breakdown.
- Good engine cleanliness, due to improved detergency and dispersancy.
- Premium sludge protection for greater engine reliability.
- Good wear protection and improved resistance to oxidation.
- Low oil consumption due to very less evaporation of base stocks.

Specifications

ALES SAE 40 meets or exceeds following International and Builder specifications:

- API SF,CD

Application

ALES SAE 40 is suitable for use in following:

- Automotive gasoline and diesel engines.
- Passenger cars, SUVs, light trucks and vans.
- Moderate duty LPG vehicles.
- Suitable for gear and hydraulic applications, if approved.

Typical Characteristics

ALES SAE 40	Test Method	Units	30	40	50
Density @ 15 °C	ASTM D 4052	gm/cc	0.892	0.900	0.904
Viscosity @ 100 °C	ASTM D 445	cSt	11.6	15.4	20.2
Viscosity @ 40 °C	ASTM D 445	cSt	102	158	234
Viscosity Index	ASTM D 2270	-	100	99	99
Pour Point	ASTM D 97	°C	-18	-18	-18
Flash Point (COC)	ASTM D 92	°C	230	236	242
Total Base Number	ASTM D 2896	mg KOH/g	5.8	5.8	5.8
Phosphorous	ASTM D 4951	% wt	0.078	0.078	0.078

The above figures are typical of blends with normal production tolerance and do not constitute a specification.

For further information, please contact: www.alesoil.com