





**Motor Oil** 

# LEADER A3/B4 15W-40

### Description

High quality multigrade lubricant oil for use in the private car and light commercial vehicle engines. It combines high resistance to oxidation to optimize the change period.

## **Properties**

- Multigrade oil for petrol and diesel engines by most vehicle manufacturers.
- It is notable for its resistance to the formation of deposits at high temperatures and of sludge at low temperatures, keeping the engine clean and thus increasing its durability.
- As a lubricant it is resistant to the loss of viscosity that occurs with some multigrade oils during their use. This keeps the engine properly lubricated throughout the period the lubricant is used.

#### Quality levels, approvals and recommendations

• ACEA A3/B4 • API SL/CF

## **Technical specifications**

	UNIT	METHOD	VALUE
SAE Grade			15W-40
Density at 15 °C	g/cm3	ASTM D4052	0.880
Kinematic viscosity at 40 °C	cSt	ASTM D445	107
Kinematic viscosity at 100 ℃	cSt	ASTM D445	14.5
CCS Viscosity at -20 °C	cР	ASTM D5293	<7,000
Viscosity index	-	ASTM D2270	138
Flash point, open cup	°C	ASTM D92	>215
Pour point	°C	ASTM D97	-33
Noack volatility, 1h at 250 ℃	% in weight	CEC L-40-93	<b>&lt;13</b>
Shearing Inj.Bosch: Vis 100 °C (30 cy)	cSt	CEC L-14-93	>12.5
TBN	mg KOH/g	ASTM D2896	10.7

The above mentioned characteristics are typical values and should not be considered product specifications.