

## GALAX RACING SAE 0W-40

### 1. DESCRIPTION/APPLICATION

**GALAX RACING SAE 0W-40** is a top quality multigrade synthetic engine oil, intended for lubrication of all types of the latest gasoline and diesel engines of passenger vehicles, including turbocharged engines with intercooler, direct fuel injection, catalyst, as well as engines with multi-valve distribution.

Advantages of **GALAX RACING SAE 0W-40**:

- Maximum protection of engine against wear, oxidation and build-up of lacquers.
- Infallible protection of turbochargers.
- Excellent low-temperature characteristics ensuring easy cold start.
- Provides infallible engine protection in conditions of high loads and at low-temperatures.
- Excellent oxidation and thermal stability, helps in extending oil drain intervals.
- Excellent detergency and dispersancy, reduces sludge formation which improves engine cleanliness.
- Extends catalyst lifetime

### 2. PRODUCT QUALITY

Specifications and standards	Quality level	
SAE J300	0W-40	pass
API	SN/SM/SL/CF	pass
ACEA	A3/B4-10	pass
<b>OEM</b>		
Mercedes Benz	MB 229.3/229.5	pass
Volkswagen	502 00/505 00	pass
GM Opel	LL-B-025	pass
BMW	LL-01	pass
RENAULT	RN 0700/0710	pass

### 3. PACKAGING AND DELIVERY

The product is delivered in original packaging. Each shipment is accompanied by a quality certificate.  
**Plastic canisters:** 1L; 4L; **Metal drums:** 200L; **IBC containers:** 1000L; **Bulk:** yes

#### 4. TYPICAL CHARACTERISTICS

Characteristic	Test method	Typical value
<b>SAE grade</b>		<b>0W-40</b>
Appearance	Visual	Transparent viscous liquid
Density, 15°C kg/m <sup>3</sup>	ASTM D1298	855
Viscosity (100°C), mm <sup>2</sup> /s	ASTM D445	13.5
Viscosity (40°C), mm <sup>2</sup> /s	ASTM D445	73.5
Viscosity index	ASTM D2270	187
Flash point, °C	ASTM D92	230
Pour point, °C	ASTM D97	-48
Total Base Number, mgKOH/g	ASTM D 2896	10.1

#### 5. STORAGE AND HANDLING

##### Storage

The product should be stored in dry, cool, well ventilated places, protected from direct atmospheric influence. Avoid heat sources and strong corrosion agents. Weather conditions may damage labels on packaging. Excessive changes in ambient temperature may cause leakage. As the content expands and shrinks, water may be entrained through caps, although the drums are sealed.

If stored in an open area we recommend the following precautions:

- Lay the drums so that the caps are at 9:00 and 3:00 o'clock position so moisture penetration and seal drying is minimized.
- If the drums are vertically positioned, they should be slightly tilted to avoid water accumulation on the upper surface.
- Caps must be sealed tight. Before removing the caps, the upper drum surface should be dried and cleaned to avoid lubricant pollution.
- Large tanks should preferably be used indoors with an outside breather line.

Ambient. Exposure to temperatures above 35°C should be avoided.

##### Storage temperature:

##### Recommended materials for storing:

Metal drums or polyethylene canisters.

##### Materials that are not recommended:

Do not use packaging that contains zinc.

##### Other information:

Polyethylene packaging material should not be exposed to high temperatures because of possible risk of distortion.

**GALAX**®