



Lubricants



زيوت تشحيم

# Motion Gear Oil

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## MOTION GEAR OIL

Gear Oil according to API GL-4

### Description

MOTION GEAR OIL is a range of high quality transmission and gear oils suitable for cars, trucks, buses and heavy construction equipment. They are formulated from the finest paraffinic base stock and extensively proven additives, and have a wide range of applications in the transport, earthmoving and construction industries.

MOTION GEAR OIL lubricants are composed of high viscosity index base oils and a balanced extreme pressure additive package designed to prevent scuffing and scoring of gears in high speed, high torque operation. Further additive treatment enhances oxidation stability and gives excellent protection against rusting, corrosion and foaming.

### Description

MOTION GEAR OIL lubricants are suitable for service-fill of hypoid, spiral bevel, spur and double reduction rear axles, either on or off the highway where API GL-4 SAE 85W140, 90 or 140 viscosities are recommended by the equipment manufacturer. Similarly, they are equally satisfactory in manual gearboxes (constant or synchromesh), auxiliary gearboxes and transfer boxes. These oils can be used with confidence in steering boxes and oil-lubricated universal joints.

### Specifications

- API GL-4

### Characteristics

PROPERTIES	UNITS	VALUE			TEST METHOD
SAE Grade		90	140	85W140	DIN 51 512
Density @ 35 °C	g/ml	0.887	0.896	0.895	ASTM D 4052
Flash Point, CoC	°C	260	270	242	ASTM D 92
Pour Point	°C	-9	-6	-15	ASTM D 97
Kinematic Viscosity @ 40 °C	mm <sup>2</sup> /s	190	403	456	ASTM D 445
Kinematic Viscosity @ 100 °C	mm <sup>2</sup> /s	17	28	31.2	ASTM D 445
Viscosity Index	-	95	96	99	ASTM D 2270

مصنع سامي بالهيد لزيوت وسوائل السيارات  
جدة ، المملكة العربية السعودية  
تلفون : ٠١٢ ٦٣٨٠٧٠٧ \ ٠١٢ ٦٠٤٦٥٦ \ ٠١٢ ٦٣٢٧٧٢٢  
فاكس : ٠١٢ ٦٣٨١٣٥٥ \ ٠١٢ ٦٠٤٦٥٨ \ ٠١٢ ٦٣٢٠٨٨  
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The specification mentioned above are confirmed. Minor variations might occur, no warranty.