

Automotive lubricants. Off-road Transmissions.

Auriga FD-1 SAE 60



Key information

- Lubricant with high-performance EP additives for gears and rear differentials, designed to meet the CAT FD-1 specification, offering longer service life than CAT TO-4 lubricants.

> Manufacturer specifications

- CAT FD-1

> Use

- This lubricant is especially recommended for differential shafts and final drives that do not contain friction materials (unless otherwise specified) and that operate under extremely high loads, as well as in applications where high operating temperatures require the use of an oil with these characteristics.
- This oil is not recommended for use in engines, transmissions or hydraulic systems.

> Benefits

- It improves protection and performance compared to oils that meet the CAT TO-4 specification, particularly in the following areas:
 - Oil durability and stability: It maintains its properties against oxidation and degradation at high temperatures, extending its service life.
 - System protection and performance: Prevents corrosion, rust, and metal-to-metal contact thanks to its load-carrying capacity.
- Reliable operation and compatibility: Resists foaming and is compatible with sealing materials.

> Physical and chemical properties

Characteristic	Units	Method	Auriga FD-1 SAE 60
SAE Grade	-	-	60
Density at 15°C	kg/l	ASTM D 4052	0.898
Viscosity at 100°C	cSt	ASTM D 445	23.8
Viscosity at 40°C	cSt	ASTM D 445	295
Viscosity Index	-	ASTM D 2270	101
Pour Point	°C	ASTM D 5950	-18
Flash Point	°C	ASTM D 92	260

> Health & safety and environment

A Material Safety Data Sheet providing information on product hazards, handling precautions, first aid measures, and relevant environmental data is available for this product as per applicable legislation.

The values of typical characteristics listed in the table are average values provided for informational purposes only and do not constitute a guarantee. These values are subject to change without notice.

Moeve Client Solutions S.A.U. • Paseo de la Castellana, 259A • 28046 Madrid • moeve.es

Rev.00, month: July, year: 2026