



# <SPD OZ> <SAE 15W-50> <T1701 Ester Synthetic Heavy Duty Engine Oil>

## DESCRIPTION

LOFGE <SPD OZ> <15W-50> T1701 Ester Synthetic Heavy Duty Engine Oil, the blending process adopt unique formulation technology of T1701 ester synthetic oil with special anti-wear and selected additives. It provides excellent protection in low-temperature pumping and fluidity, high-temperature stability and prevention of carbon deposition. Suitable for use under various environment and driving condition offers durable protection for modern high-performance engines.

**Meets & Exceeds:** API CI-4/SL; ACEA E7.

**Specification and Approval:** API CI-4/SL; ACEA E7; Mack EO-M Plus; Volvo VDS-3; MAN 3275; MB 228.3/229.1; Cummins CES 20071/20072/20076/20077; China National GB 11122-2006; MIL-PRF-2104G; Caterpillar ECF-2.

## APPLICATION

- ★Modern 4, 6 & 8+ cylinder, multi-cam, multi-valve (including VVT), naturally aspirated, supercharged & turbocharged engines. It is also suitable for use in rotary-engined vehicles that require this Viscosity Grade.
- ★Travelling on-highway of a wide variety of heavy-duty truck engines and including turbocharged engines and passenger car diesel engines, also, be used in the equipment of construction, mining and logging application. Compatible with Petrol/LPG (Dual Fuel), E10.
- ★For use petrol & LPG vehicles. It meets the latest API SN Specification providing increased wear protection, better resistance to sludge formation and lower piston deposits than previous and lower grade oils.
- ★Can be used where previous API Specifications recommended SM (2004-10), SL (2001-04), SJ etc. It can also use in older diesel engined vehicles where the manufacturer specifies API CF or earlier.

## FEATURE

- The latest T1701 ester oil technology improves the strength and polarity of the oil film, also increases the negative charge of the oil film, and keeps the oil liquid permanently adsorbed on the metal friction surface, consummate get the experience the unmatched power and shielding abilities.
- Ultra-refined molecules, during cold engine start-up, most rapid participate in the circulation provides protection, start smooth and improve engine performance all-around.
- Extraordinary thermal stability and antioxidant properties, which extend the life of the engine.
- High viscosity index and abrasion resistance, excellent lubrication performance and reduced engine wear.
- The unique anti-friction additive can improve the cleaning of the piston also save fuel consumption and improve engine efficiency.
- It provides excellent protection in low-temperature pumping and fluidity, high-temperature stability and prevention of carbon deposition under harsh environment.
- Long-term alkalinity and prevent corrosion of machinery parts.
- The oil contains the trace of precious metals such as boron and molybdenum, which rapidly neutralise the total base value and maximise the performance of the oil film.

## TYPICAL SPECIFICATION

LOFGE SPD OZ SAE 15W-50	Units	Test Result
Appearance	-	Bright & Clear
Color	-	<3.5
Density (15°C)	Kg/m <sup>3</sup>	870
Viscosity (40°C)	mm <sup>2</sup> /s	147
Viscosity (100°C)	mm <sup>2</sup> /s	18.2
Total Base Number	mgKOH/g	11.2
Viscosity Index	-	140
Flash Point COC	°C	235
Pour Point	°C	≤ -35

The typical specification mentioned represent mean values.