



AISIN econTECH+ Semi Synthetic Motor Oil 15W-40 CI-4/SL
PREMIUM PERFORMANCE DIESEL ENGINE OIL

DESCRIPTION

AISIN econTECH+ Semi Synthetic 15W-40 CI-4/SL with premium performance, multi-grade, heavy-duty diesel engine oil specifically designed to lubricate a wide range of diesel and gasoline engines requiring API CI-4, SL as well as meeting ACEA E7-12 performance lubricants operating under the most severe service conditions. It has excellent performance for sustaining durability with EGR system. It also protects sludge formed by sulphur and fuel combustion without the need for overly shortened drain intervals.

APPLICATIONS

- Wide range of mixed fleets of European, North American diesel engines (high speed, four-stroke, turbo-charged or naturally aspirated). Aisin Semi Synthetic synTECH+ motor oil meet or exceeds the following requirements:
 VDS-3, MB 228.3, MAN 3275, MTU Type 2, Mack EO-M Plus, Renault RLD-2, CES 20078 Approval, CES 20076, 77, CAT ECF 2, ECF 1-a, Global DHD-1 Recommended
- Mixed fleets of both diesel and gasoline engines
- Mixed fleets including both old and new equipment
- Stop-and-go vehicles in high soot loading service such as buses and waste collection trucks

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MEET OR EXCEEDS THE PERFORMANCE STANDARDS BELOW

- API CI-4/SL
- Volvo VDS-3
- API SL
- ACEA E7
- Mercedes-Benz 228.3
- Cat ECF-1-a, ECF-2
- MAN 3275, MTU Type 2, Mack EO-M Plus
- Cummins 20076, 77
- Renault RLD/RLD-2

CUSTOMER BENEFITS

- **Extended engine's service life and service interval**
- **High Torque Protection for low emission diesel engines**
- **Minimizes fleet maintenance costs**
Exceptional soot dispersancy keeps fuel soot in suspension, avoiding filter plugging, cylinder head sludge, abrasive polishing wear and oil thickening.
- **Minimizes fleet operating costs**
Excellent deposit control on valves and piston crownlands reduces oil consumption. Exceptional oxidation stability and soot control extends oil drain capability so that equipment is in service longer generating revenue. Outstanding valve train wear protection maintains fuel economy.
- **Extends engine life to overhaul**
High level of anti-wear additive protects against valve train wear and scuffing of highly loaded parts operating under boundary lubrication conditions.

KEY PROPERTIES

SAE Viscosity	Base Number (D2896, mg KOH/g)	Kinematic Viscosity, mm ² /s		Viscosity Index	Pour Point (°C)	Flash Point (°C)
		@ 40°C	@ 100°C			
15W-40	9.45	111.8	14.76	136	-33	240

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