



## Product Data Sheet

### API CK-4 15W-40 Diesel Engine Oil

---

AMARON HI-LIFE LUBE API CK-4 15W-40 Oil is specially designed for BS VI diesel engines and engineered with advance additive technology to provide 3D protection against wear, corrosion, oxidation, and oil breaking under most severe engine condition.

#### Applications:

---

AMARON HI-LIFE LUBE API CK-4 15W-40 Suitable for new generation heavy duty buses, trucks and off highway vehicles meeting BS VI emission norms. Recommended for naturally aspirated and turbocharged four-stroke diesel engines in which the API CK-4 service category is recommended.

#### Advantages:

---

- Outstanding High temperature oxidation stability: Extend the ODI potential enabling longer service intervals even under severe operating conditions (up to 100000 km\*)
- Unique anti-wear additive protects against valve train wear and scuffing of highly loaded parts operating under boundary lubrication.
- Excellent resistance to corrosive and abrasive wear: Provides superior wear control in extreme operating conditions.
- Excellent soot and viscosity control that provides superior control over oil thickening at elevated engine temperatures and extended oil life.
- Excellent oil consumption control: Lowers the oil costs due to low top-up of oil during operation/duty cycle.
- Excellent capability to handle higher soot levels occurring in engines fitted with EGR technology and enhances oil filter life.
- Outstanding TBN reserves provides excellent Corrosion protection and extended drain intervals for both new and old engines.
- Low temperature fluidity and pumpability provides smooth starting in cold weather.
- Low ash formulation meets emission requirements and provide long life to emissions aftertreatment devices (DPF, DOC and SCR)
- Fully backward compatible and delivers exceptional performance in both newer and older heavy duty engine designs.
- Excellent component compatibility that provides longer gasket & seal life.
- BS VI compliance.

(\* this is indicative drain period, please refer OEM service manual as per vehicle type)

**Performance Level:**

---

- API CK-4/CJ4/CI-4 Plus/CI-4/CH-4 / SN
- ACEA E9

**Meets Requirements:**

---

- Caterpillar ECF-3
- MB-Approval 228.31
- Volvo VDS-4.0
- MTU Category 2.1
- Cummins CES20081
- Mack EO-O Premium Plus
- Detroit Diesel DDC93K218
- Renault RLD-3
- Deutz DQC III-10 LA

**Technical values:**

---

Appearance	Clear and Bright
Kinematic Viscosity@100°C, mm <sup>2</sup> /sec	14.5
CCS viscosity @(-20°C), Cp	6500
Viscosity Index	140
Flash Point, COC, °C	234
TBN, mg KOH/gm	8.0
Pour Point, °C	(-)33
Sulphated Ash, %	0.85

In pursuit of continuous improvement, these figures may be changed without notice at the sole discretion of Amaron High Life Lubes. All recommendation and suggestions are without guarantee as condition of use are beyond AREML controls.