



Specification Sheet

Convoy® 15W-40 CK-4

*Multi-Grade Parasynthetic Engine Oil
with Molybdenum*



Benefits

- Long life oil for extended drain intervals (with used oil analysis)
- Excellent cold temperature properties
- Reduces sludge and varnish
- Superior thermal and oxidation stability
- Superior friction reduction
- Protects against wear and corrosion
- Improves fuel economy
- Excellent soot control and acid neutralization
- Excellent for use with low emission and older engines

Description

Convoy 15W-40 CK-4 is formulated for all heavy-duty diesel engines including EGR diesel engines with exhaust gas after treatment systems. Convoy 15W-40 CK-4 provides optimum protection for engines requiring 15W-40 with API service category CK-4 and is backwards compatible for previous API service specifications including CJ-4 and CI-4. The enhanced synthetic base oil provides both superior cold temperature and high temperature properties. Convoy's additive package is specifically formulated to address the severe demands of a diesel engine's internal environment. Its stable TBN additive package neutralizes damaging acids produced during the combustion process and will not rapidly deplete.

Performance. Value. Longevity.



How to Convert to Convoy® Motor Oil

When converting an engine from conventional motor oil to Convoy, it is important to first clean any sludge and deposits from the crankcase with TKO®.

1. For new vehicles with less than 20,000 miles you can use Convoy at the next oil and filter change interval.
2. If your vehicle has 20,000-100,000 miles, run TKO and conventional, synthetic, semi-synthetic, and parasyntetic motor oil for 3,000 miles before switching to Convoy.
3. For engines over 100,000 miles, it may be necessary to run TKO more than the one oil change interval. Keep in mind you can't run TKO too many times. When first running TKO, you may notice a slight increase in oil consumption. This is normal. The increased oil consumption is a result of the sludge and deposits burning off. Once you have converted to Convoy, you will no longer need to run TKO.

Applications

Convoy 15W-40 CK-4 is formulated to exceed API's latest specifications:

Diesel engine oil specifications: CK-4, CI-4-Plus, CI-4, CH-4

Meets or exceeds: ACEA E7/E9-2016, CAT ECF-3, Cummins CES20086, DDC93K222, Mack EOS 4.5, Daimler MB 228.31, DQC III-18 LA, MAN M3775, MTU Type 2.1, Renault RLD-3, and Volvo VDS 4.5.

It is formulated for use in all heavy duty and light duty diesel and gasoline engines.

Directions

Protect your vehicle with regular oil testing. Submit your oil sample for complete oil analysis. Oil analysis is the key to extending drain intervals and providing pertinent information about oil and engine condition for family vehicles, farm equipment and over-the-road trucks.

Part Numbers

- #41842 12 Quarts/Case
- #41844 5 Gallons (in two 2½ gallon containers)
- #41846 55 Gallons
- #41848 220 Gallons

Specifications

Viscosity at 100°C, cSt (ASTM D-445)	14.4 cSt
Viscosity at 40°C, cSt (ASTM D-445)	101.4 cSt
Viscosity Index (ASTM D-92)	146
Pour Point °C (°F) (ASTM D-97)	-39°C (-38°F)
Total Base Number (TBN)	8.7