

TRANSFLOW HD SAE 15W-40 CI-4 PLUS

API CI-4 PLUS/SL, ACEA E7 HEAVY-DUTY DIESEL OIL

Pennarol TransFlow Diesel 15W-40 CI-4 specifically designed to lubricate high speed diesel engines requiring **API CI-4, CH-4/SJ SL, or ACEA E7** performance lubricants operating under the severe service conditions.

CI-4 oils are designed for low emission diesel engines prior to 2007 and those fitted with **EGR** and/or **SCR** systems. Formulated from Hydro-treated base oils and low-ash additive technology to provide soot dispersancy, deposit control and wear protection.

Performance Features

- High standard of protection against wear that extend engine life.
- Enhanced oxidation control that alleviates oil thickening to preserve oil life for longer periods of use.
- Exceptional sludge control that maintains engine cleanliness.
- Excellent high temperature deposit control that helps prevent blow-by and maintains engine power.
- Improved friction characteristics to improve power and fuel consumption.

Applications

- Fleets of European, North American, and/or Japanese diesel engines.
- Commercial road transport and those designed to meet Euro 3 emissions standards, Euro 4 and 5 compliant vehicles, except those units fitted with diesel particulate filters and requiring ACEA E6 or E9 oils.
- Diesel and gasoline engines for both old and new equipment.
- Stop-and-go vehicles in high soot loading service such as buses, tippers, and waste collection trucks.
- Light duty vehicles of 200hp>.
- Off-highway vehicles and plant.
- Agricultural tractors and farm machinery.
- Many heavy-duty gas-fuelled vehicles.



PENNAROL OIL COMPANY AUSTRALIA PTY LTD

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Specifications

- API: **CI-4/SL**, **exceeds the performance criteria of** CH-4/SJ
- SAE Grade: 15W-40
- ACEA: E7

Manufacturer Specifications

- Detroit Diesel DDC 93K214
- Volvo VDS-3
- Deutz DQC III – 05
- Caterpillar ECF-2, ECF-1A,
- JASO DH-1
- Global DHD-1
- Cummins CES 20071-72-76-77-78
- Mack EO-NPP-03
- Mercedes Benz 228.3
- MAN M3275
- MTU Type 2
- Renault Truck RLD-2

*Check owners' manual before use.

Typical Data

Test	Result
Viscosity @ 40°C	114cSt
Viscosity @ 100°C	15.89cSt
Viscosity Index	148
Specific Gravity	0.864
Product Code- Pack Size	1082. 05/20/205

Note: Pennarol TransFlow HD SAE 15W-40 engine oil may be unsuitable for use in some engines, always consult owners' manual if in doubt

Storage

All packages should be stored under cover to avoid the possible ingress of water and the obliteration of drum markings. Products should not be stored above 60°C

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