CONVOY DHD 15W-40 (Premium Mineral)

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PRODUCT CODE	PACK SIZE	CARTON QTY
DHD005	5L	4
DHD010	10L	
DHD020	20L	
DHD060	60L	
DHD205	205L	
DHD1000LTR	1000L	



PRODUCT BENEFITS

Convoy DHD is a high performance, **heavy duty**, low ash, SAE 15W-40, **Original Equipment Manufacturer (OEM) Warranty, Fully Licensed/Approved** mineral diesel engine oil designed for use in vehicles with and without Diesel Particulate Filters (DPF). It is made from a combination of hydrocracked base stocks and the latest OEM (Original Equipment Manufacturer) approved additive technology.

Licensed by the API (American Petroleum Institute) to meet CK-4 specifications ensuring quality and satisfaction. It also meets the latest European ACEA E11 requirements as well as many other manufacturer specifications.

APPROVALS & LICENSES

- Click Here to view API CK-4 Licence
- Click Here to view Cummins 200086 Approval
- Click Here to view Detroit Diesel DFS 93K222
- Click Here to view Mack EOS-4.5 Approval, Renault VI RLD-3 Approval & Volvo VDS-4.5 Appoval
- Click Here to view Mercedes Benz MB-Approval 228.31
- Click Here to view Mercedes Benz DTFR 15C100 Approval

APPLICATIONS

Convoy DHD is designed for use in naturally aspirated and turbocharged, heavy duty diesel engines fitted with DPFs and/or Selective Catalytic Reduction (SCR) systems that require low ash oils. It is suitable for use in post 2006, EPA 07 compliant American diesel engines, that meet current ADR emissions regulations and in Euro IV and Euro V emission compliant engines.

Convoy DHD is recommended for use where SAE 15W-40 or SAE 20W-40 grade, heavy duty engine oils are specified by the manufacturer. It can be used where API CK-4, CJ-4, CI-4/Plus or previous specifications were required and where European ACEA E11 is specified. It may also be used where earlier specification ACEA E6 and ACEA E7 and E9 (Obsolete) were previously recommended or where Japanese JASO DH-2 is needed. It may also be used in petrol engines where API SN or earlier specification SM, SL, SJ is required.

Convoy DHD is approved by Mercedes-Benz for MB 228.31, Cummins for CES 20086, Detroit Diesel for DFS Oil Specification 93K222, Volvo for VDS-4.5, Mack for EOS-4.5 and Renault for VI RLD-3 requirements. It may also be used where Volvo VDS-5 oils are specified in Euro 6 Step D (D13K5 and D13K6) engines.

Convoy DHD is an ideal mixed fleet oil and can be used for normal drain intervals in European and Japanese diesel engines. It is ideal for use in high speed and some medium speed, diesel engines used in marine environments as well as for generator sets, agricultural and earthmoving equipment.

VEHICLES AND FUEL TYPE

Convoy DHD is suitable for light & heavy duty commercial vehicles, passenger cars, 4WDs, construction, mining and agricultural equipment if a heavy duty, SAE 15W-40 diesel engine oil is required or specified by the manufacturer. It is suitable for use with Diesel, Petrol and LPG fuelled vehicles. When using CK-4 oil with higher than 15 PPM sulphur fuel, consult engine manufacturer for service interval recommendations.

Please note:

1. Some trucks and heavy vehicles fitted with DPFs may need to use **Convoy DLA** or **Convoy DSP** oils. Please check Penrite Lube Recommendation Guide for correct lubricant.
2. ***Convoy DHD*** *replaces* ***Diesel HD***

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Please Note: A 58mm cap with pouring tap is available to fit 7, 10 & 20 litre packs. https://penriteoil.com.au/products/58mm-plastic-tap

PRODUCT BENEFITS

- **Latest** API CK-4 specification with improved **Shear Stability**, **Oxidation Resistance** and **Aeration Control.**
- **API Licensed** for quality and assurance
- **Manufacturer approved** product to maintain vehicle warranty
- **Maximises** DPF life and emission control system durability.
- Controls oil consumption through use of low volatility hydrocracked base oils.
- Advanced formulation offers ideal wear and deposit protection.
- Reduces soot thickening.

MANUFACTURER'S (OEM) APPROVALS & INDUSTRY LICENSES

- Cummins CES 20086
- DFS Oil Specification 93K222
- DTFR 15C100
- Mack EOS-4.5 approval
- MB-Approval 228.31
- Renault Trucks RLD-3 approval
- Volvo VDS-4.5 approval

PRODUCT PERFORMANCE LEVELS

- ACEA E11
- API CI-4
- API CI-4 PLUS
- API CJ-4
- API CK-4
- API CK-4/SN
- API SL
- API SM
- API SN
- Caterpillar ECF-1-a
- Caterpillar ECF-2
- Caterpillar ECF-3
- Cummins CES 20081
- Cummins CES 20086
- Detroit Diesel 93K218
- Detroit Diesel 93K222
- Deutz DCQ III-10 LA
- Ford WSS-M2C171-F1
- JASO DH-2
- Mack EO-O Premium Plus
- Mack EOS-4.5
- MAN M 3575 (Obsolete)
- MB 228.31
- MTU Type 2.1
- Renault RLD-3
- Renault RLD-4
- Volvo VDS 4.5
- Volvo VDS-4

SUITABLE FOR USE WHERE SPECIFICATIONS BELOW ARE REQUIRED
(FOR OUT OF WARRANTY SERVICE)

- ACEA E6
- ACEA E9

TYPICAL DATA

Density at 15°C, kg/L	0.876
Viscosity, Kinematic, cSt at 40°C	112
Viscosity, Kinematic, cSt at 100°C	14.5
Viscosity Index	133
Cold Cranking Viscosity, cP at -20°C	6,540
Ca content, Mass %	0.242
Zinc, Mass %	0.111
Phosphorus, Mass %	0.100
Sulphated Ash, Mass %	0.98
Total Base Number (TBN)	9.7

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