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CONVOY ULTRA HD 5W-30 (Full Synthetic)

Last updated: 25/07/2025 10:38 am

PRODUCT CODE	PACK SIZE	CARTON QTY
DSP020	20L	
DSP205	205L	

PRODUCT BENEFITS

Convoy Ultra HD 5W-30 is a highly advanced, low viscosity, heavy duty, full synthetic, extended drain, ultra high performance diesel (UHPD), OEM Approved engine oil. It is formulated with the highest standard synthetic base oil and advanced additives to ensure protection against wear, corrosion, oil oxidation and sludge.

It is **LICENSED** by the **API** (American Petroleum Institute) to meet CK-4 specifications ensuring quality and satisfaction

[Click Here](#) for API License

APPLICATION

Convoy Ultra HD 5W-30 is primarily designed for use in modern four-stroke, low emission, naturally aspirated and turbocharged, light and heavy duty diesel engines including those with extended drain intervals of up to 100,000+km in accordance with the OEM operating conditions.

It may be used where SAE 5W-30 or SAE 10W-30 grade oils are specified by the manufacturer. It can be used where ACEA E11, JASO DH-2 and API CK-4 or where previous API specifications API CJ-4, API CI-4 Plus, API CI-4 or API CH-4 or where ACEA E9(Obsolete) oils are recommended. It is designed for use in new engines requiring low viscosity, fuel efficient engine oils.

It meets many OEM specifications such as for **Mercedes Benz, Renault, Volvo, Mack, MAN, Cummins** for heavy duty engine use. It is also suitable for Mercedes Benz light commercial and passenger car diesel engines where MB 228.31 or 228.51 oils are specified in the handbook.

Suitable for use in the latest Euro IV and Euro V emissions European diesel engines including those that use SCR (Selective Catalytic Reduction) emission systems along with those fitted with or without DPFs (Diesel Particulate Filters). It is also suitable for use in normal or cooled EGR (Exhaust Gas Recirculation) systems. Some of these engines also use **Penrite Penblue** as a part of their emission control systems.

VEHICLES AND FUEL TYPES

Convoy Ultra HD 5W-30 is suitable for light & heavy duty commercial vehicles, passenger cars, 4WDs, new construction, mining and agricultural equipment if a full synthetic, low viscosity SAE 5W-30 diesel engine oil is required or specified by the manufacturer. It is **NOT** recommended for use in motorcycles.

Please note:

1. Some trucks and heavy vehicles fitted with DPFs may need to use **Convoy Ultra HD 10W-40** or **Convoy Ultra HD 15W-40** oils. Please check Penrite Lube Recommendation Guide for correct lubricant.
2. **Convoy Ultra HD 5W-30** replaces Convoy DSP 5W-30
3. 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

- **API Licensed** for quality and satisfaction
- **Latest** API CK-4 specification with improved **Shear Stability, Oxidation Resistance** and **Aeration Control**
- Maximises Diesel Particulate Filter life and engine performance
- Suitable for SCR and EGR systems
- Fuel efficient, heavy duty diesel engine oil
- Extended oil drains of up to 100,000km, reducing overall cost of ownership
- Controls oil consumption through use of low volatility, hydro-processed synthetic base oils
- Provides ideal wear, bore polish and deposit protection
- Effective dispersant additives keep soot in suspension, reducing wear





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PRODUCT PERFORMANCE LEVELS

- ACEA E11
- API CK-4
- Caterpillar ECF-3
- Cummins CES 20081
- Cummins CES 20086
- Detroit Diesel 93K218
- Detroit Diesel 93K222
- Deutz DQC IV-10 LA
- DTFR 15C120
- Ford M2C171-E
- JASO DH-1
- JASO DH-2
- JASO DL-0
- Mack EO-O Premium Plus
- Mack EOS-4.5
- MAN M 3271-1
- MAN M 3575 (Obsolete)
- MAN M3477
- MAN M3677
- MAN M3777
- MB 228.31
- MB 228.51
- MB 228.52
- MTU Category 3.1
- MTU Type 2.1
- Renault RLD-3
- Renault RLD-4
- Scania LDF 4
- Voith Retarder Oil Class B
- Volvo VDS 4.5

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

- ACEA E9
- API CG-4
- API CH-4
- API CI-4
- API CI-4 PLUS
- API CJ-4

TYPICAL DATA

Density at 15°C, kg/L	0.860
Viscosity, Kinematic, cSt at 40°C	70.0
Viscosity, Kinematic, cSt at 100°C	12.1
Viscosity Index	139
Cold Cranking Viscosity, cP at -25°C	6,260
Ca content, Mass %	0.131
Zinc, Mass %	0.089
Phosphorus, Mass %	0.080
Sulphated Ash, Mass %	1.0
Magnesium, Mass %	0.091
Total Base Number (TBN)	13.4