

HC-SYNTHETIC HIGH-PERFORMANCE ENGINE OIL

Properties

BAYRO ULTRA 5W-30 is a synthetic, low-ash, high-performance commercial vehicle engine oil designed for the strictest exhaust emission limits. The innovative formulation was specially developed for commercial vehicle engines with SCR systems and diesel particulate filters, in accordance with EURO V & VI emission regulations

- ✓ Top commercial vehicle oil for engines with state-of-the-art exhaust aftertreatment systems.
- ✓ Enables maximum oil change intervals.
- ✓ Ensures rapid oil penetration of the engine and maximum lubricating film stability.
- ✓ Significant reduction in particulate emissions, resulting in a longer service life for the particulate filter.
- ✓ Stable viscosity throughout the entire service interval.
- ✓ Maximum environmental protection through extremely low exhaust emissions.
- ✓ Can also be used in EURO 0, I, II, III & IV engines according to manufacturer specifications.

Application notes

BAYRO ULTRA 5W-30 was specially developed for:

- ✓ Modern, heavily loaded Euro V & VI commercial vehicle engines
- ✓ Use in vehicles from leading OEMs

Due to its special low-ash formulation, **BAYRO ULTRA 5W-30** should not be mixed with other commercial vehicle engine oils. However, residual amounts remaining in the engine after an oil change performed according to manufacturer specifications are harmless.

Service description

Specifications:

- ACEA E6/E7/E9/E11
- API CJ-4/CK-4

Recommendations*:

- Caterpillar ECF-3
- Cummins CES 20081, 20086
- DAF Extende Drain
- DDC 93K222
- Deutz DQC IV-18 LA
- JASO DH-2
- Mack EOS-4.5
- MAN M 3677 / 3575/ 3477 / 3277 / 3271-1
- Iveco 18-1804 TLS E6
- MB 228.52 / 228.51 / 228.31 / 226.9
- MTU Type 3.1
- Renault VI RLD-3 / RXD / RGD
- Scania LDF-4
- Voith Retarder Class B
- Volvo VDS-4.5

* meets the requirements of the OEM manufacture
The stated values may vary within the usual commercial range.

TYPISCHE KENNWERTE	METHODS	UNIT	BAYRO ULTRA 5W-30
Density at 15°C	DIN 51757	kg/m ³	851,4
Viscosity 40°C	DIN 51562/T1	mm ² /s	70,94
Viscosity 100°C	DIN 51562/T1	mm ² /s	12,36
Viscosity index (VI)	DIN ISO 2909	-	174
Pour point Flash	DIN ISO 3016	°C	≤-45
point COC	DIN ISO 2592	°C	≥217
TBN	ASTM D2896	mg KOH/g	13,0
Sulphated ash	DIN 51 575	mass. %	≤1,0