

ALCO LLX

5W-30



Properties and Applications

Alco LLX 5W-30 is a modern low friction oil with an advanced performance, providing excellent wear protection and above-average cleaning power. It contributes to the service life extension of exhaust- aftertreatment systems and redounds to their trouble-free operation.

Alco LLX 5W-30 is produced on base of the highest quality components, which are currently available. The product ist completely compatible with the newest diesel particulate filters (DPF) and with catalytic converters of gasoline engines. It combines outstanding performance with excellent motor protection and improves the reduction of fuel consumption.

Alco LLX 5W-30 provides

- contribution in the reduction of particle built-up on the diesel particulate filter by its low ash content
- reduction of the danger of poisoning on catalytic converters of gasoline engines by its low sulphur and low phosphorus amounts.
- reduction of deposits and sludge by effective cleaning additives
- extented oil drain intervals, because of decelerated oil aging by outstanding thermic stability
- trouble-free cold-starting behaviour by very good low temperature properties

Specification

ACEA C3-10
VW 504 00 / 507 00
MB-Freigabe 229.51
BMW Longlife-04

VW 504 00 may substitute oils of the specifications **VW 501 01 / 502 00 / 503 00 / 503 01**.
VW 507 00 may substitute oils of the specifications **VW 505 00 / 505 01 / 506 00 / 506 01**.
Alco LLX 5W30 corresponds **VW Longlife III**.

Typical Values

| ALCO LLX 5W-30 | unit | value | method |
|------------------------------|--------------------|-------|--------------|
| Density at 15°C | kg/m ³ | 852 | DIN 51 757 |
| Kinematic viscosity at 40°C | mm ² /s | 70,1 | DIN 51 562 |
| Kinematic viscosity at 100°C | mm ² /s | 11,9 | DIN 51 562 |
| Viscosity index | | 167 | DIN ISO 2909 |
| Dynamic viscosity at -30°C | mPa.s | 5850 | DIN 51 377 |
| Pourpoint | °C | -45 | DIN ISO 3016 |
| Flash point | °C | 230 | DIN ISO 2592 |
| TBN | mg KOH/g | 6,2 | DIN ISO 3771 |

Artikel-Number : 30180

Specification variations in these characteristics may occur.
The instructions of manufacturer must be regarded.
Further informations to be available by MSDS.

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