



FLUID WB

FLUID FOR VOLVO TRANSMISSIONS, HYDRAULICS AND WET BRAKES



OFF-ROAD RANGE

UTTO OIL
100% SYNTHETIC

Mineral

Semi-synthetic

Synthetic

100%
synthetic

STANDARDS AND SPECIFICATIONS

API GL-4
VOLVO CE WB 102 (97304)

Oxidation resistance

Shear stability



APPLICATIONS

FLUID WB is the latest generation 100% synthetic UTTO (Universal Tractor Transmission Oil) oil, especially developed to fulfil the necessary VOLVO CONSTRUCTION EQUIPEMENT (VCE) requirements, in accordance with the WB 102 "wet brake drive line oil" standard.

FLUID WB is used to lubricate:

- Mechanical transmissions such as gearboxes, differentials, powered axles and converters
- Hydraulic circuits
- Wet disc brakes and clutches

BENEFITS

- Synthetic base oils have the following characteristics:
 - **Good performance across a wide temperature range**
 - **Excellent oxidation resistance**, ensuring optimal lubrication throughout the oil's service life. Significant extensions in oil change intervals.
 - **High thermal stability**, ensuring circuit cleanliness and smooth operation of all mechanical components at high temperatures.
- **Excellent performance in cold weather conditions** thereby ensuring quicker fluid flow through the system at start-up, with optimal response time of components.
- **High shear stability**, ensuring that the oil retains its grade throughout its service life, thereby protecting the brakes from any chatter risks.
- **Excellent friction properties** so that the brake and clutch systems operate progressively and efficiently with no noise.
- Remarkable **anti-wear properties and performance under extreme pressure** ensuring excellent protection of transmission and hydraulic circuit components.
- **Anti-corrosion and anti-rust properties** for protecting metals and alloys of mechanical components.
- **Neutral to seals.**



PERFORMANCE

PERFORMANCE LEVELS	API GL-4 ALLISON C4 VOLVO CE WB102 (97304)
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CHARACTERISTICS

CHARACTERISTICS	UNITS	METHODS	TYPICAL DATA
SAE grade (according to J300)	-	-	10W-30
SAE grade (according to J306)	-	-	75W-90
Density at 15°C	kg/m ³	NF T 60101	855
Kinematic viscosity at 40°C	mm ² /s	NF T 60100	41
Kinematic viscosity at 100°C	mm ² /s	NF T 60100	7.52
Viscosity index	-	NF T 60136	153
Brookfield viscosity at -40°C	mPa.s	NF T 60152	33544
Pour point	°C	NF T 60105	-45
Flash point	°C	NF T 60118	235

The above data are provided on an indicative basis only.

HEALTH, SAFETY AND ENVIRONMENT

Disposal must be carried out in compliance with the rules governing the disposal of used lubricants.

Must be stored away from bad weather conditions.

For further details, our Technical Department is available to assist you.