

LiO OiL ATF Type 2D

Description

The main function of an automatic transmission oil is the transmission of forces. In addition, it must provide universal lubrication for bearings, gears and other components.

With its carefully chosen blend of base oils with active agents, **LiO OiL ATF Type 2D** guarantees the necessary friction behaviour and offers all properties required for the smooth operation of automatic transmissions.

LiO OiL ATF Type 2D products meet the specific requirements of a number of transmission manufacturers. When choosing the grade, strictly adhere to the manufacturer instructions.

Application

LiO OiL ATF Type 2D (ATF DEXRON II D) is an automatic transmission oil designed for heavy-goods vehicle transmissions and APUs, power steering systems, hydraulic clutches and other hydraulic equipment.

Product data

Density at 15 °C	approx. 0.868 kg/l
Viscosity at 40 °C	approx. 43.20 mm ² /s
Viscosity at 100 °C	approx. 8.25 mm ² /s
Viscosity index	168
COC flash point	198 °C
Pour point	-45 °C

(for approvals and use instructions, see sheet 2)

Transmission / vehicle manufacturer	Unit / component	LiO OiL ATF Type 2D
Allison	C-3	✓
	C-4	✓
Audi	Automatic transmission, power steering	✓
BMW	Automatic transmission, power steering	✓
Caterpillar	Automatic transmission (TO-2)	✓
Clark Michigan	Automatic transmission	✓
Faun	Tipping and steering hydraulics	✓
Ford	Automatic transmission (ESP-M2C-33 F/G, ESP-M2C-138CJ/166H, SQ-M2C-9010A)	✓
Honda	Automatic transmission	✓
Magirus	Allison automatic transmission	✓
MAN	Borg-Warner transmission	✓
	Allison automatic transmission	✓
	Voith-Diwa transmission 851/854	✓
	ZF hydraulic steering	✓
	MAN 339 type Z1, V1	✓
Mercedes-Benz	Automatic MB transmission (passenger cars and commercial vehicles); MB approval 236.7	✓
	Allison AT and MT automatic transmission in commercial vehicles; MB 236.5, 236.6	✓
Mazda	Automatic transmission, power steering	✓
Mitsubishi	Automatic transmission	✓
Opel/GM	Automatic transmission, power steering (GM Dexron II D)	✓
Nissan	Automatic transmission	✓
Peugeot	Automatic transmission, power steering	✓
Porsche	Automatic transmission	✓
	Power steering	✓
Renault	Automatic transmission, power steering	✓
Renk	Duomat transmission 873 and 874	✓
Saab	Automatic transmission, power steering Type 900, 9000: Power steering - observe special instructions	✓
Toyota	Automatic transmission, power steering	✓
Voith	Diwa transmission type D 851, D 854, 502-2, 502-3	✓
	Certoplan, Diwamatic, series converter	✓
Volkswagen	Passenger car Automatic transmission	✓
	Light commercial vehicle	✓
Volvo	Automatic transmission	✓
	Passenger car Power steering	✓
	Automatic transmission	✓
	Heavy-goods vehicle Power steering	✓
ZF	ZF torque converter (TE-ML 03)	✓
	ZF marine transmission (TE-ML 03)	✓
	ZF hydraulic steering, hydrostatic steering steering boosters, oil pumps, intermediate steering gears (TE-ML 09)	✓
	ZF mechanical manual transmission/automatic transmission (TE-ML 11)	✓
	ZF ECOMAT transmission (TE-ML 14)	✓
	ZF S5-42 synchronous transmission (TE-ML 15)	✓
	ZF transmission and forklift truck axles (TE-ML 17)	✓