G-Box ATF DX III PAO

Synthetic base oil

Automatic Transmission

Power steering

Frictional properties

Low temperature properties

Anti-wear protection

Extended Oil Drain Interval

Oxidation stability

G-Box ATF DXIII PAO – is a synthetic transmission oil based on Polyalfaolefins (PAO) and G-Base oils for automatic transmissions manufactured by Allison, MAN, MB, ZF and others. G-Box ATF DXIII PAO has a high level of thermo-oxidative stability, anticorrosion properties and outstanding low temperature characteristics. Due to synthetic base components, it has excellent resistance to oxidation and demonstrates reliable operation in even in severe climate conditions. G-Box ATF DXIII PAO ensure sustainable operation of clutch packs, gears, torque convertors and valves of transmission components during all oil operation interval.

Application

- Automatic transmissions of buses, trucks, passenger and commercial vehicles
- Automatic transmissions required Allison TES-295, ZF TE-ML 20C specifications level
- Power steering

Advantages

Adaptive **G-Box ATF DXIII PAO** technology based on synthetic components and special additives complex ensures high efficiency and performance of automatic transmissions:

Properties	Advantages/Potential benefits
Optimal frictional properties	Ensures smooth and timely gear shifting – increase in efficiency, driving comfort
Excellent thermo-oxidative stability	Minimizes sludge build-up in the system – reduction of the likelihood of Automatic Transmissions failure
Reliable wear protection of metal and non-metal parts	Reduced wear rate of clutch packs parts, gears, pumps and torque convertor – ensured optimal AT operation period
Viscosity stability	Maintained lubrication during all oil operation interval even under high load modes – maximal AT protection
Outstanding low-temperature properties	Ensures smooth movement start even in cold climate condition – reliable unit operation and reduced maintenance costs.

Typical Characteristics

Parameters	Value	Method
Kinematic viscosity, mm^2/s at 40 °C at 100 °C	 35,5 7,5	 ASTM D 445 ASTM D 445
Viscosity index	186	ASTM D 2270
Copper corrosion at 100°C 3 hours	1b	ASTM D 92
Pour point, °C	-54	ASTM D 97
Dynamic viscosity -40 °C, mPas	7350	ASTM D 2983
Density at 15 °C, kg/m^3	841	ASTM D 1298

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Specifications

- Allison TES-295; TES-389
- Allison C4
- Ford MERCON, MERCON V
- General Motors DEXRON IIIH
- MB 236.7
- MAN 339 Type V2, V3
- MAN 339 Type Z3, Z12
- Volvo 97341 (AT101)
- Voith H55.6335
- ZF TE-ML 04D
- ZF TE-ML 11B
- ZF TE-ML 14C
- ZF TE-ML 16L,16M
- ZF TE-ML 20C,25B

Certified

ISO 9001

ISO 14001

ISO 45001

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