



ORLEN OIL HIPOL ATF II E

General features

HIPOL® ATF II E is a fully synthetic oil for automatic gears of vehicles.

Application

Hipol® ATF II E is intended for automatic gears of cars, trucks and buses, manufacturer of which recommends application of Dexron® II E oils. Hipol® ATF II E is also recommended for power steering devices, hydraulic clutches of cars and trucks and for ATF requiring hydraulic systems.

Quality class

GM Dexron®II E

Standards, approvals, specifications

MAN 339 Typ Z2;
MAN 339 Typ V2;
ZF TE-ML 03C, 04D, 14B, 17C, 20B, 25B;
Voith H55.6336.xx;
DTFR 13C170 (236.9)

Meets requirements:

ZF TE-ML 14C, 16L, 16R
Allison C-4

Physical and chemical properties

Parameters	Units	Typical values
Kinematic viscosity at 100°C	mm ² /s	7.48
Dynamic viscosity measured with the Brookfield viscometer: · at - 20°C · at - 30°C · at - 40°C	mm ² /s	900 2000 6935
Pour point	0C	-48
Flash Point (open cup)	0C	204
Corrosiveness to copper 3 h/150°C, corrosion rate	reference sample	1b
Antiwear properties on a four ball pressure tester, average defect diameter	mm	0.4
Note: Physicochemical parameters listed in the table are typical values. Real values are stated in quality control certificates attached to each product lot.		

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