

**ORLEN**
OIL

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

DTFR 13C170
MAN 339 Typ Z2
MAN 339 Typ V2
ZF TE-ML 03C, 04D, 14B, 17C, 20B, 25B (ZF003623)
Voith H55.6336.xx

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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