



**ORLEN**  
**OIL**

## ORLEN OIL HIPOL ATF II D

### General features

HIPOL® ATF II D is a mineral oil for automatic gears of vehicles.

### Application

High quality, mineral Hipol® ATF II D oil is intended for application in automatic gears of cars, trucks and buses, manufacturer of which recommends application of Dexron® II D oils.

Hipol® ATF II D is also recommended for power steering devices, hydraulic clutches of cars and trucks and for ATF requiring hydraulic systems.

### Standards, approvals, specifications

MAN 339 Typ Z1,  
MAN 339 Typ V1,  
MAN 339 Typ L2,  
ZF TE-ML 04D, 11A, 14A (ZF000081)  
Voith H55.6335xx (G 607)

Meets requirement:

GM Dexron® II D  
Allison C-4

### Quality class

GM Dexron®II D

### Physical and chemical properties

Parameters	Units	Typical values
Kinematic viscosity at 100°C	mm <sup>2</sup> /s	7.26
Kinematic viscosity at 40 °C	mm <sup>2</sup> /s	35.7
Ignition temperature	°C	208
Resistance to foaming - foam volume after 10 min. standing still at:	-	-
- at-25°C	ml	0
- at-95°C	ml	0
- at 25°C following the test at 95°C	ml	0
Corrosiveness to copper 3 h/150°C, corrosion rate, corrosion rate	reference sample	tough
Antiwear properties on a four ball pressure tester, average defect diameter	mm	0.45
<b>Note:</b> 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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