

DIWA

List of Approved Oils

Oil Change Interval 180,000 km

2025-03-06

150.01452417en, Protection Class 0: open

This list of approved oils is not applicable to North America

→ VTI-DIWA Service Bulletins 013 and 118

This list of approved oils is not applicable to Latin America

→ DIWA Service Bulletin LAT013

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Changes

Revision No.	Author	Date	Reason for revision / Contents of revision	
	kasg	2025-03-06		
Following oils have been added:			Producer/Supplier	Product
			Cepsa Comercial Petróleo, S.A.U.	CEPSA ATF 4000 S
Following oils have been deleted:			Producer/Supplier	Product
			AVISTA OIL Deutschland GmbH	AVISTA peer EVO PRIME ATF HD
			Paz Lubricants & Chemicals	PAZ ULTRA HD ATF
The producer/supplier of the following oils has been changed:			Producer/Supplier	Product
			PANOLIN AG changed to LAEMMLE Chemicals AG	PANOLIN ATF SYNTH ZV changed to ROXOR ATF SYNTH ZV
			Repsol Lubricantes y Especialidades S.A.	Repsol Matic Sintetico changed to REPSOL AUTOMATOR ATF 14C
The area of application has been adjusted for the following oils			Producer/Supplier	Product
			Voith Turbo s.r.l.	V Liquid Green Plus
			TEDEX S.A.	Tedex Synthetic ATF 524 VTH

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1 List of Approved Oils

The list of approved oils is permanently updated.

Each time the list of approved oils is updated, the version number is incremented by 1. The version number is made up of the last two figures of the number of the list of approved oils. Only the list of approved oils with the highest version number is valid. For the current and binding list of approved oil, please visit MyVoith in the eDoc application or the following link:

www.voith.com/brochures/150.014524xx

In case that you do not have an internet access, please contact directly our Support or the respective Voith national representative.



2AZ_9002

Fig. 1-1 QR code of the current list of approved oils

1.1 Oil change interval up to 180,000 km

Index ¹⁾

The use of transmission oils with index ¹⁾ ensures that Voith DIWA transmissions which are certified according to Regulation (EU) 2017/2400, comply with the certificate after the initial filling by the vehicle manufacturer (OEM).

According to Regulation 2017/2400 of the European Union, the CO₂ emissions and the fuel consumption are determined for the type approvals of heavy commercial vehicles.

Changing the transmission oils and replacing the filter element

- Maintenance Manual DIWA.5:
150.000247xx, Chapter 3.1.2 "Changing the oil and replacing the filter element"
- Maintenance Manual DIWA.6:
150.010501xx, Chapter 3.1.2 "Changing the oil and replacing the filter element"
- DIWA NXT maintenance manual:
3150-000745XXX, Chapter 3.1.2 "Changing the oil and replacing the filter element"

Producer/Oil supplier	Product name	Road Application						Rail Application			
		Inline				Angle Drive		Inline			
		DIWA.5 - .6		DIWA NXT		DIWA.5 - .6		DIWARail.5 - .6 ²⁾		DIWARail NXT	
		Service Fill	First Fill CO ₂ ¹⁾	Service Fill	First Fill CO ₂ ¹⁾	Service Fill	First Fill CO ₂ ¹⁾	Service Fill	First Fill CO ₂ ¹⁾	Service Fill	First Fill CO ₂ ¹⁾
Voith Österreich VTFK	Voith DIWA longlife	x	x	x	x	x	x	x ²⁾	x ²⁾	x	x
Voith Turbo s.r.l.	V Liquid Green Plus	x	x	x	x	x	x	x ²⁾	x ²⁾	x	x
ADDINOL Lube Oil GmbH	ADDINOL ATF XN HD	x									
Cepsa Comercial Petróleo, S.A.U.	CEPSA ATF 4000 S	x	x			x	x	x ²⁾	x ²⁾		
Champion Chemicals N.V.	CHAMPION OEM SPECIFIC MULTI VEHICLE ATF HD-LD	x									
FUCHS PETROLUB SE	FUCHS PENTOSIN ATF 1	x	x	x	x	x	x	x ²⁾	x ²⁾	x	x
	FUCHS TITAN ATF 1	x	x	x	x	x	x	x ²⁾	x ²⁾	x	x
	TITAN ATF 5500	x									
Kuwait Petroleum	Q8 Auto 15 V	x	x			x	x	x ²⁾	x ²⁾		
LAEMMLE Chemicals AG	ROXOR ATF SYNTH ZV	x	x			x	x	x ²⁾	x ²⁾		
MOTOREX AG	MOTOREX YORK ATF VZ	x	x			x	x	x ²⁾	x ²⁾		
Petro-Canada Lubricants	Duradrive HD Long Drain ATF	x	x	x	x	x	x	x ²⁾	x ²⁾	x	x
Petronas Lubricants International	PETRONAS TUTELA ATF 900 HD	x	x	x	x	x	x	x ²⁾	x ²⁾	x	x
Repsol Lubricantes y Especialidades S.A.	REPSOL AUTOMATOR ATF 14C	x									
Shell International Petroleum Company	Shell Spirax S6 ATF VM Plus	x	x	x	x	x	x	x ²⁾	x ²⁾	x	x
Singapore Petroleum Company Limited	DURASHIFT ATF HDLD	x									
Sinopec Lubricant C., LTD.	SINOPEC GREATWALL Synthetic ATF HD	x									
S.I.R.A.L. spa	SIROIL ATF MAXIMUM	x	x			x	x	x ²⁾	x ²⁾		
TEDEX S.A.	Tedex Synthetic ATF 524 VTH	x	x			x	x	x ²⁾	x ²⁾		
Wolf Oil Corporation	WOLF OFFICIALTECH MULTI VEHICLE ATF HD-LD	x									

1.2 Restrictions

For DIWA transmissions of types DIWA.2, DIWA.3, DIWA.3E, DIWARail.5 and DIWARail.6, the transmission oils stated under → Page 6, Chapter 1.1 may only be used for an oil change interval of **maximal 120,000 km** in the Service-Fill and First-Fill.

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