




**MAINTENANCE
INFORMATION**

MI15-61

DATE : DECEMBER 2015	SECTION : 07 - Transmission
SUBJECT : VOLVO I-SHIFT TRANSMISSION - CASTROL SYNTRANS OIL DRAIN INTERVALS REDUCED	


APPLICATION


Model	VIN
X3-45 coaches	 EQUIPPED WITH VOLVO I-SHIFT TRANSMISSION
H3-41, H3-45 coaches	

DESCRIPTION

Please take note that Castrol Syntrans oil isn't fully approved for 500 000 miles (800 000 km) extended drain intervals on the Volvo I-Shift transmission. For this reason, this oil has been downgraded to regular drain intervals.

Find below, a list of Volvo's approved oils for extended drain as well as regular drain intervals.

 CAUTION
Only use VOLVO-approved synthetic transmission oil in the I-Shift transmission. Using non-approved transmission oil can result in damage to transmission components.

 CAUTION
Drained I-Shift synthetic oil must NEVER BE REUSED and must be replaced along with the transmission oil filter when the transmission oil is changed.

EXTENDED DRAINS	500 000 miles / 800 000 km or 60 months whichever comes first
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VOLVO I-shift transmissions are factory filled with oil according to VOLVO STD 1273.18 (*Transmission Oil 97318*). This oil type allows 500 000 miles (800 000 km) oil drain intervals in on the road long haul applications with a maximum weight of 80 000 lbs.

Oils meeting Volvo STD 1273.19 (*Transmission Oil 97319*) can also be used for this purpose.

For a service fill, please use VOLVO I-shift Transmission Fluid 75W-80.

Note: Should this oil not be available, please use other approved oils from the table below.

Extended drains: transmission oils 97318 and 97319 (500 000 miles / 800 000 km)

Supplier	Brand Name	Viscosity Grade
VOLVO Trucks North America	Volvo I-Shift Transmission Fluid	75W-80
Castrol Ltd.	VFF MTF	75W-80
Chevron Lubricants	Chevron Multigear MTF HD	75W-80
Chevron Lubricants	Chevron Multigear MTF HD	75W-90
Chevron Lubricants	Texaco Multigear MTF HD	75W-80
Mobil Branded Lubricants (ExxonMobil Corp)	Mobil Delvac Synthetic Transmission Oil V 30	75W-80

REGULAR DRAINS	250 000 miles / 400 000 km or 30 months whichever comes first
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For other applications than mentioned above, the oil drain intervals is 250 000 miles (400 000km) maximum (regular drains).

Volvo recommends Volvo I-shift transmission fluid 75w-80 also in these applications.

However, should this oil not be available, any other approved oil for extended drains (table above) or regular drains (table below) can be used.

Regular drains: transmission oils 97307 and 97315 (250 000 miles / 400 000 km)

Volvo Truck Parts	Volvo Synthetic Gearbox Oil 97315	75W-90
Volvo Truck Parts	Volvo Synthetic Gearbox Oil 97307	75W-80
Aral	Aral Getriebeol SNS-A	75W-80
BASF	Emgard MTF 4200	75W-80
BASF	Emgard MTF 4230	75W-80
BASF	Emgard MTF 4250	75W-90
Castrol Ltd.	Syntrans Heavy Duty	75W-90
Castrol Ltd.	Syntrans	75W-85
Gulf Oil International	Gulf Syngear VF	75W-80
Gulf Oil International	Gulf Syngear LL	75W-90
Kuwait Petroleum	Q8 Super Gear V	75W-80
Lukoil Lubricants	Lukoil Transmission HD TM-4	75W-80
OMV Refining & Marketing GmbH	OMV gear oil MPX	75W-80
Raloy Lubricantes SA	Transintex Plus	75W-80
Raloy Lubricantes SA	Transintex Plus HD	75W-90

Ravensberger Schmierstoffvertrieb GmbH	RAVENOL SSG Spec Synt LKW Getrieboil	75W-80
Renault Truck Oils	Longevia BXI Eco	75W-80
Renault Truck Oils	Longevia BZV Eco	75W-80
Renault Truck Oils	Longevia BVHD	75W-90
Shell International Petroleum Co.	Spirax GSX	75W-80
Shell International Petroleum Co.	Spirax S6 GXME	75W-80
SRS Schmierstoff Vertrieb GmbH	Wintershall Getriebefluid MTS	75W-80
Total Lubricants	Transmission XS FE	75W-90
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Total Lubricants	TPM 97315	75W-90

PARTS / WASTE DISPOSAL

Discard according to applicable environmental regulations (Municipal/State[Prov.]/ Federal)



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