



# TRANSMISSION OIL 75W-90 BO

## SAFETY DATA SHEET

according to Regulation (EU) 2015/830

ISSUE DATE: 31.07.2014  
REVISION DATE: 29.01.2018  
SUPERSEDES DATE: 31.07.2014  
VERSION: 3.0

### 1. SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product identifier

Trade name	Transmission Oil 75W-90 BO
Product code	Ford Internal Ref.: 144844
SDS Number	7976
Product use	Professional use

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

Relevant identified uses	Transmission Oil
Uses advised against	None known

#### 1.3. Details of the supplier of the safety data sheet

Supplier	Distributor
Ford-Werke GmbH	Ford Motor Company Ltd.
Edsel-Ford-Str. 2-14	Parts Distribution Centre
50769 Cologne	Royal Oak Way South
Germany	NN11 8NT Daventry, Northants
+49 221 90-33333	United Kingdom
sdseu@ford.com	+44 1327 305 198

#### 1.4. Emergency telephone number

+49 (0) 6132-84463 (GBK GmbH – 24/7)

### 2. SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

This mixture does not meet the criteria for classification according to Regulation (EC) 1272/2008 as amended.

#### 2.2. Label elements

This mixture does not meet the criteria for labelling according to Regulation (EC) 1272/2008 as amended.

##### Supplemental hazard information

EUH210 Safety data sheet available on request.

#### 2.3. Other hazards

This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII.  
This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII.

### 3. SECTION 3: Composition/information on ingredients

#### 3.2. Mixtures

Chemical name	CAS- No EC- No Index No RRN	%	Classification according to Regulation (EC) No. 1272/2008	Notes
Dec-1-ene, dimers, hydrogenated	68649-11-6 500-228-5 01-2119493069-28-XXXX	10 - 25	Acute Tox. 4 (Inhalation), H332 Asp. Tox. 1, H304	
Dec-1-ene, homopolymer, hydrogenated	68037-01-4 500-183-1 01-2119486452-34-XXXX	10 - 25	Asp. Tox. 1, H304	
Dec-1-ene, trimers, hydrogenated	157707-86-3 500-393-3 01-2119493949-12-XXXX	10 - 25	Asp. Tox. 1, H304	
Baseoil - unspecified	*	1 - 10	Carc. 1B, H350 Asp. Tox. 1, H304	(Note L)
Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics	64742-47-8 926-141-6 649-422-00-2 01-2119456620-43-XXXX	0,1 - < 10	Asp. Tox. 1, H304	

Note L : The classification as a carcinogen need not apply if it can be shown that the substance contains less than 3 % DMSO extract as measured by IP 346 'Determination of polycyclic aromatics in unused lubricating base oils and asphaltene free petroleum fractions — Dimethyl sulphoxide extraction refractive index method', Institute of Petroleum, London. This note applies only to certain complex oil-derived substances in Part 3.

\* Contains one or more of the following 101316-69-2 / RRN 01-2119486948-13, 101316-70-5, 101316-71-6, 101316-72-7 / RRN 01-2119489969-06, 64741-88-4 / RRN 01-2119488706-23, 64741-89-5 / RRN 01-2119487067-30, 64741-95-3 / RRN 01-2119487081-40, 64741-96-4 / RRN 01-2119483621-38, 64741-97-5 / RRN 01-2119480374-36, 64742-01-4 / RRN 01-2119488707-21, 64742-44-5 / RRN 01-2119985177-24, 64742-45-6, 64742-52-5 / RRN 01-2119467170-45, 64742-53-6 / RRN 01-2119480375-34, 64742-54-7 / RRN 01-2119484627-25, 64742-55-8 / RRN 01-2119487077-29, 64742-56-9 / RRN 01-2119480132-48, 64742-57-0 / RRN 01-2119489287-22, 64742-58-1, 64742-62-7 / RRN 01-2119480472-38, 64742-63-8, 64742-64-9, 64742-65-0 / RRN 01-2119471299-27, 64742-70-7 / RRN 01-2119487080-42, 72623-85-9 / RRN 01-211955262-43, 72623-86-0 / RRN 01-2119474878-16, 72623-87-1 / RRN 01-2119474889-13, 74869-22-0 / RRN 01-2119495601-36, 90669-74-2 / RRN 01-2119970171-43

Full text of H-statements: see section 16

### 4. SECTION 4: First aid measures

#### 4.1. Description of first aid measures

<b>Inhalation:</b>	Remove person to fresh air and keep comfortable for breathing. Get medical advice/attention if you feel unwell.
<b>Skin contact:</b>	Wash skin with plenty of water. Take off immediately all contaminated clothing. Wash contaminated clothing before reuse. Get medical attention if irritation develops and persists.
<b>Eyes contact</b>	Immediately flush eyes thoroughly with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation develops and persists.
<b>Ingestion</b>	Call a poison center or a doctor if you feel unwell.

#### 4.2. Most important symptoms and effects, both acute and delayed

<b>Symptoms/effects after inhalation</b>	May cause respiratory irritation.
<b>Symptoms/effects after skin contact</b>	May cause eczema-like skin disorders (dermatitis).

Symptoms/effects after eye contact	Direct contact with eyes may cause temporary irritation.
Symptoms/effects after ingestion	Abdominal pain, nausea.
<b>4.3. Indication of any immediate medical attention and special treatment needed</b>	
Treat symptomatically.	
<b>5. SECTION 5: Firefighting measures</b>	
<b>5.1. Extinguishing media</b>	
Suitable extinguishing media	Water spray. Dry powder. Foam. Carbon dioxide.
Unsuitable extinguishing media	No additional information available.
<b>5.2. Special hazards arising from the substance or mixture</b>	
Explosion hazard	Heat may cause pressure rise with explosion of tanks/drums.
Hazardous combustion products	Toxic fumes may be released.
<b>5.3. Advice for firefighters</b>	
Precautionary measures fire	Evacuate area. Move containers from fire area if it can be done without personal risk.
Firefighting instructions	Use standard firefighting procedures and consider the hazards of other involved materials.
Protection during firefighting	Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.
<b>6. SECTION 6: Accidental release measures</b>	
<b>6.1. Personal precautions, protective equipment and emergency procedures</b>	
For non-emergency personnel	
Protective equipment	For personal protection, see section 8 of the SDS.
Emergency procedures	Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Keep out of low areas. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing.
For emergency responders	
Protective equipment	Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".
Emergency procedures	Keep unnecessary personnel away.
<b>6.2. Environmental precautions</b>	Avoid release to the environment. Inform appropriate managerial or supervisory personnel of all environmental releases.
<b>6.3. Methods and material for containment and cleaning up</b>	
Methods for cleaning up	Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Absorb in vermiculite, dry sand or earth and place into containers. Following product recovery, flush area with water. Small spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination. Never return spills in original containers for re-use.
Other information	Dispose of materials or solid residues at an authorized site.
<b>6.4. Reference to other sections</b>	For further information refer to section 8: "Exposure controls/personal protection". For further information refer to section 13.
<b>7. SECTION 7: Handling and storage</b>	
<b>7.1. Precautions for safe handling</b>	
Precautions for safe handling	Ensure good ventilation of the work station. Wear personal protective equipment.

**Hygiene measures** Do not eat, drink or smoke when using this product. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

**7.2. Conditions for safe storage, including any incompatibilities**

**Storage conditions** Store in original tightly closed container. Store in a dry, cool and well-ventilated place. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Protect from sunlight. Store away from incompatible materials (see Section 10 of the SDS).

**7.3. Specific end use(s)** Transmission Oil.

**8. SECTION 8: Exposure controls/personal protection**

**8.1. Control parameters**

United Kingdom

Regulation	Substance	Type	Value
	Mineral oil, mist	WEL TWA	5 mg/m <sup>3</sup>
		WEL STEL	10 mg/m <sup>3</sup>

**Monitoring methods**

Follow standard monitoring procedures

**DNEL: Derived no effect level**

No data available

Components	Type	Route	Value	Form
Dec-1-ene, dimers, hydrogenated (68649-11-6)	Worker	Inhalation:	60 mg/m <sup>3</sup>	Acute - systemic effects
	Consumer	Inhalation:	50 mg/m <sup>3</sup>	Acute - systemic effects

**PNEC: Predicted no effect concentration**

No data available

**8.2. Exposure controls**

**Appropriate engineering controls** Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level

**Materials for protective clothing** Personal protection equipment should be chosen according to the CEN standards and in discussion with the supplier of the personal protective equipment

**Individual protection measures, such as personal protective equipment (PPE)**

**Eye protection** Safety glasses

**Skin protection**

**Hand protection** The protective gloves to be used must comply with the specification of EU directive 89/686/EC and the resultant standard EN374. The above given information is based on laboratory test in line with EN374. The recommendation is only valid for the supplied product and the stated application. Special working conditions, like heat or mechanical strain, which deviate from the test conditions, can reduce the protective effect provided by the recommended glove

Material	Permeation	Thickness (mm)	Comments
Nitrile rubber (NBR)	6 (> 480 minutes)	0,4	Glove recommendation: Camatril Velours® 730 (Kächele-Cama GmbH, source of supply see www.kcl.de) or comparable product.
In case of splash contact: Nitrile rubber (NBR)	6 (> 480 minutes)	0,4	Glove recommendation: Camatril Velours® 730 (Kächele-Cama GmbH, source of supply see www.kcl.de) or comparable product.

**Other protective measures** Wear suitable protective clothing.

**Respiratory protection** In case of insufficient ventilation, wear suitable respiratory equipment

Thermal hazard protection	Wear appropriate thermal protective clothing, when necessary.
Environmental exposure controls	Avoid release to the environment.
Consumer exposure controls	Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

## 9. SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Physical state	Liquid
Appearance	Liquid.
Colour	amber.
Odour	No data available
Odour threshold	No data available
pH	No data available
Relative evaporation rate (butylacetate=1)	No data available
Melting point	Not applicable
Freezing point	-53 °C
Boiling point	No data available
Flash point	> 180 °C (Open cup)
Auto-ignition temperature	No data available
Decomposition temperature	No data available
Flammability (solid, gas)	Not applicable
Vapour pressure	No data available
Relative vapour density at 20 °C	No data available
Relative density	No data available
Density	873 kg/m <sup>3</sup> ( @ 15 °C )
Solubility	insoluble in water.
Log Pow	No data available
Viscosity, kinematic	76 mm <sup>2</sup> /s ( @ 40 °C ) 15.09 mm <sup>2</sup> /s ( 100 °C )
Viscosity, dynamic	No data available
Explosive properties	No data available
Oxidising properties	No data available
Explosive limits	No data available

### 9.2. Other information

VOC (EU)	0 %
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## 10. SECTION 10: Stability and reactivity

10.1. Reactivity	The product is non-reactive under normal conditions of use, storage and transport.
10.2. Chemical stability	Stable under normal conditions.
10.3. Possibility of hazardous reactions	No dangerous reactions known under normal conditions of use.
10.4. Conditions to avoid	High temperature.
10.5. Incompatible materials	Strong oxidizing agents.

- 10.6. **Hazardous decomposition products** Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## 11. SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

**Acute toxicity** Based on available data, the classification criteria are not met

#### Mixture

Name	Method	Type	Exposure route	Value	Unit	Species	Remarks
Transmission Oil 75W-90 BO	(calculated value)	ATE	Inhalation:	> 20	mg/l/4h		

#### Substance

Name	Method	Type	Exposure route	Value	Unit	Species	Remarks
Dec-1-ene, dimers, hydrogenated (68649-11-6)		LC50	Inhalation:	1.17	mg/l/4h	rat	

**Skin corrosion/irritation** Based on available data, the classification criteria are not met

**Serious eye damage/irritation** Based on available data, the classification criteria are not met

**Respiratory or skin sensitisation** Based on available data, the classification criteria are not met

**Germ cell mutagenicity** Based on available data, the classification criteria are not met

**Carcinogenicity** Based on available data, the classification criteria are not met

**Reproductive toxicity** Based on available data, the classification criteria are not met

**STOT-single exposure** Based on available data, the classification criteria are not met

**STOT-repeated exposure** Based on available data, the classification criteria are not met

**Aspiration hazard** Based on available data, the classification criteria are not met

**Potential adverse human health effects and symptoms** Likely routes of exposure: inhalation, skin and eye. Information on Effects: refer to section 4.

## 12. SECTION 12: Ecological information

### 12.1. Toxicity

**Ecology - general** The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.

### 12.2. Persistence and degradability

#### Transmission Oil 75W-90 BO

**Persistence and degradability** Partially biodegradable.

### 12.3. Bioaccumulative potential

#### Transmission Oil 75W-90 BO

**Bioaccumulative potential** There is no bioaccumulation.

### 12.4. Mobility in soil

#### Transmission Oil 75W-90 BO

**Ecology - soil** Spillages may penetrate the soil causing ground water contamination.

### 12.5. Results of PBT and vPvB assessment

#### Transmission Oil 75W-90 BO

This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII.

This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII.

## 12.6. Other adverse effects

Other adverse effects No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this product.

## 13. SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Waste treatment methods	Dispose of contents/container in accordance with licensed collector's sorting instructions.
Sewage disposal recommendations	Disposal must be done according to official regulations.
Product/Packaging disposal recommendations	Empty containers should be taken to an approved waste handling site for recycling or disposal.
European List of Waste (LoW) code	The Waste code should be assigned in discussion between the user, the producer and the waste disposal company.
13 02 06*	synthetic engine, gear and lubricating oils
15 01 10*	packaging containing residues of or contaminated by dangerous substances

## 14. SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA / ADN  
Not regulated for transport

## 15. SECTION 15: Regulatory information

### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

#### EU-Regulations

The following restrictions are applicable according to Annex XVII of the REACH Regulation (EC) No 1907/2006

Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics	3. Liquid substances or mixtures which are regarded as dangerous in accordance with Directive 1999/45/EC or are fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008
Dec-1-ene, dimers, hydrogenated - Dec-1-ene, homopolymer, hydrogenated - Dec-1-ene, trimers, hydrogenated - Baseoil - unspecified - Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics	3(b) Substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: Hazard classes 3.1 to 3.6, 3.7 adverse effects on sexual function and fertility or on development, 3.8 effects other than narcotic effects, 3.9 and 3.10
Contains no substance on the REACH candidate list	
Contains no REACH Annex XIV substances	

VOC (EU) 0 %

#### National regulations

No additional information available.

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out

## 16. SECTION 16: Other information

#### Indication of changes

Section 1 - Section 16.

#### Abbreviations and acronyms

ADG	Australian Dangerous Goods.
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road.

ADN	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways.
ATE	Acute Toxicity Estimate.
BCF	Bioconcentration factor.
CAO	Cargo Aircraft only.
CLP	Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008.
DMEL	Derived Minimal Effect level.
DNEL	Derived-No Effect Level.
DPD	Dangerous Preparations Directive 1999/45/EC.
DSD	Dangerous Substances Directive 67/548/EEC.
EC50	Median effective concentration.
IARC	International Agency for Research on Cancer.
IATA	International Air Transport Association.
IMDG	International Maritime Dangerous Goods.
LC50	Median lethal concentration.
LD50	Median lethal dose.
LOAEL	Lowest Observed Adverse Effect Level.
NOAEC	No-Observed Adverse Effect Concentration.
NOAEL	No-Observed Adverse Effect Level.
NOEC	No-Observed Effect Concentration.
OECD	Organisation for Economic Co-operation and Development.
OEL	Occupational Exposure Limit.
PBT	Persistent Bioaccumulative Toxic.
PCA	PASSENGER AND CARGO AIRCRAFT.
PNEC	Predicted No-Effect Concentration.
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006.
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail.
RRN	REACH Registration no..
SDS	Safety Data Sheet.
STP	Sewage treatment plant.
TLM	Median Tolerance Limit.
TWA	Time Weighted Average. The average concentration of a chemical in air over the total exposure time-usually an 8-hour workday..
VOC	Volatile organic compounds.
vPvB	Very Persistent and Very Bioaccumulative.

**Data sources** REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006..

**Training advice** Normal use of this product shall imply use in accordance with the instructions on the packaging

#### Full text of H- and EUH-statements

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Acute Tox. 4 (Inhalation)	Acute toxicity (inhal.), Category 4.
Asp. Tox. 1	Aspiration hazard, Category 1.
Carc. 1B	Carcinogenicity, Category 1B.
H304	May be fatal if swallowed and enters airways.
H332	Harmful if inhaled.



H350 May cause cancer.  
EUH210 Safety data sheet available on request..

*The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.*

# Attachment to the Safety Data Sheet



**Product Name:** Transmission Oil 75W-90 BO  
**Ford Int. Ref. No.:** 144844

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**Print Date:** 29.01.2018

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**Involved Products:**

	<b>Finiscode</b>	<b>Part number</b>	<b>Container Size:</b>
1.	1 790 199	97SX M2C200 AB	1 l
2.	1 790 201	97SX M2C200 BB	5 l