



TRANSMISSION OIL 75W LV

SAFETY DATA SHEET

according to Regulation (EU) 2015/830

ISSUE DATE: 12.07.2017
REVISION DATE: 12.07.2017

VERSION: 1.0

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

1.1. Product identifier

Trade name	Transmission Oil 75W LV
Product code	Ford Internal Ref.: 196062
SDS Number	588
Product use	Professional use

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

Relevant identified uses	Hydraulic fluids and additives
Uses advised against	No additional information available.

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

Classification according to Regulation (EC) No. 1272/2008

Health hazards	Aspiration hazard, Category 1	H304	May be fatal if swallowed and enters airways.
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2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008

Hazard pictograms



Signal word

Danger

Contains

Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based; Lubricating oils (petroleum), C15-30, hydrotreated neutral oil-based ; Gas oils (petroleum), hydrodesulfurized; Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics

Hazard statements

H304

May be fatal if swallowed and enters airways.

Precautionary statements

Response

P301+P310

IF SWALLOWED: Immediately call a doctor, a POISON CENTER.

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
Lubricating oils (petroleum), C20-50, hydrotreated neutral oil- based	72623-87-1 276-738-4 649-483-00-5 01-2119474889-13- XXXX	75 - 90	Carc. 1B, H350 Asp. Tox. 1, H304	(Note L)
Lubricating oils (petroleum), C15-30, hydrotreated neutral oil- based	72623-86-0 276-737-9 649-482-00-X 01-2119474878-16- XXXX	1 - 3	Carc. 1B, H350 Asp. Tox. 1, H304	(Note L)
Gas oils (petroleum), hydrodesulfurized	64742-79-6 265-182-8 649-222-00-5 01-2119471311-49- XXXX	1 - < 2.5	Acute Tox. 4 (Inhalation), H332 Skin Irrit. 2, H315 Asp. Tox. 1, H304 Aquatic Chronic 2, H411	(Note N)
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 - 0.3	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.

Note N : The classification as a carcinogen need not apply if the full refining history is known and it can be shown that the substance from which it is produced is not a carcinogen. This note applies only to certain complex oil-derived substances in Part 3.

Full text of H-statements: see section 16

4. SECTION 4: First aid measures

4.1. Description of first aid measures

General information

Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.

Inhalation

Remove person to fresh air and keep comfortable for breathing.

Skin contact

Wash with plenty of soap and water. Take off contaminated clothing and wash it before reuse. If skin irritation or rash occurs: Get medical advice/attention.

Eyes contact

Rinse immediately with plenty of water. If eye irritation persists: Get medical advice/attention. Remove contact lenses, if present and easy to do. Continue rinsing.

Ingestion

Do NOT induce vomiting. Never give anything by mouth to an unconscious person. If unconscious, place in the recovery position and seek medical advice. Call a POISON CENTER or doctor/physician if you feel unwell.

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

Symptoms/effects after ingestion Risk of lung oedema.

4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically. Swallowing the liquid may cause aspiration into the lungs with the risk of chemical pneumonitis.

5. SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media Dry powder. Foam. Carbon dioxide.

Unsuitable extinguishing media Do not use water jet as an extinguisher, as this will spread the fire.

5.2. Special hazards arising from the substance or mixture

Explosion hazard Heat may cause pressure rise with explosion of tanks/drums.

Hazardous combustion products Thermal decomposition generates : Carbon oxides (CO, CO₂).

5.3. Advice for firefighters

Firefighting instructions Move containers from fire area if it can be done without personal risk.

Protection during firefighting Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

6. SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

Emergency procedures Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Wear appropriate protective equipment and clothing during clean-up. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.

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".

6.2. Environmental precautions

Avoid release to the environment. Notify authorities if product enters sewers or public waters.

6.3. Methods and material for containment and cleaning up

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: Take up liquid spill into absorbent material. 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.

6.4. Reference to other sections

For further information refer to section 8: "Exposure controls/personal protection". For disposal of residues refer to section 13 : Disposal considerations" .

7. SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling Ensure good ventilation of the work station. Avoid contact with skin and eyes. Avoid breathing mist, vapours. Wear personal protective equipment. Protect material from direct sunlight. Observe good industrial hygiene practices.

Hygiene measures Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions Store locked up. Keep cool. Protect from sunlight. Store in a dry, cool and well-ventilated place.

7.3. **Specific end use(s)** No additional information available.

8. SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Contains no substances with occupational exposure limits.

DNEL: Derived no effect level

No data available.

PNEC: Predicted no effect concentration

No data available.

Components	Type	Route	Value	Form
Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based (72623-87-1)	Not applicable.	Oral	9.33 mg/kg food	Secondary Poisoning
Lubricating oils (petroleum), C15-30, hydrotreated neutral oil-based (72623-86-0)	Not applicable.	Oral	9.33 mg/kg food	Secondary Poisoning
Gas oils (petroleum), hydrodesulfurized (64742-79-6)	Not applicable.	Oral	17 g/kg food	Secondary Poisoning

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

Wear suitable protective clothing.

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

Eye protection

Safety glasses with side shields. Use eye protection to EN 166, designed to protect against liquid splashes.

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

No additional information available.

Respiratory protection

In case of insufficient ventilation, wear suitable respiratory equipment

Thermal hazard protection	Wear appropriate thermal protective clothing, when necessary.
Environmental exposure controls	Inform appropriate managerial or supervisory personnel of all environmental releases.

9. SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	Liquid
Colour	brown.
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	No data available.
Boiling point	No data available.
Flash point	202 °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	0.854 g/cm ³ @ 15°C
Solubility	insoluble in water.
Log Pow	No data available.
Viscosity, kinematic	18 mm ² /s @ 40°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	No flames, no sparks. Eliminate all sources of ignition.
10.5. Incompatible materials	Oxidising 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 Not classified

Mixture

Name	Method	Type	Exposure route	Value	Unit	Species	Remarks
Transmission Oil 75W LV		ATE	Inhalation	1027,4	mg/l		(calculated value)

Substance

Name	Method	Type	Exposure route	Value	Unit	Species	Remarks
Gas oils (petroleum), hydrodesulfurized (64742-79-6)		LC50	Inhalation	4,6	mg/l/4h	rat	aerosol

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 May be fatal if swallowed and enters airways.

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

No additional information available.

12.3. Bioaccumulative potential

No additional information available.

12.4. Mobility in soil

No additional information available.

12.5. Results of PBT and vPvB assessment

Transmission Oil 75W LV

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

Regional legislation (waste)	Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions) . Dispose of in accordance with local regulations.
Waste treatment methods	Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container. Dispose of contents/container in accordance with licensed collector's sorting instructions.
Product/Packaging disposal recommendations	Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken for recycling, recovery or waste in accordance with local regulation.
Additional information	Dispose in accordance with all applicable regulations.
European List of Waste (LoW) code	
13 02 05*	mineral-based non-chlorinated 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

14.1. UN number

UN-No.	Not applicable.
UN-No. (IMDG)	Not applicable.
UN-No. (IATA)	Not applicable.
UN-No. (ADN)	Not applicable.
UN-No. (RID)	Not applicable.

14.2. UN proper shipping name

Proper Shipping Name	Not applicable.
Proper Shipping Name (IMDG)	Not applicable.
Proper Shipping Name (IATA)	Not applicable.
Proper Shipping Name (ADN)	Not applicable.
Proper Shipping Name (RID)	Not applicable.

14.3. Transport hazard class(es)

ADR	
Transport hazard class(es) (ADR)	Not applicable.
IMDG	
Transport hazard class(es) (IMDG)	Not applicable.
IATA	
Transport hazard class(es) (IATA)	Not applicable.
ADN	
Transport hazard class(es) (ADN)	Not applicable.
RID	
Transport hazard class(es) (RID)	Not applicable.

14.4. Packing group

Packing group	Not applicable.
Packing group (IMDG)	Not applicable.
Packing group (IATA)	Not applicable.
Packing group (ADN)	Not applicable.
Packing group (RID)	Not applicable.

14.5. Environmental hazards

Dangerous for the environment	No
Marine pollutant	No
Other information	No supplementary information available.

14.6. Special precautions for user

Overland transport

Not applicable.

Transport by sea

Not applicable.

Air transport

Not applicable.

Inland waterway transport

Not applicable.

Rail transport

Not applicable.

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable.

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

Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based - Lubricating oils (petroleum), C15-30, hydrotreated neutral oil-based - Gas oils (petroleum), hydrodesulfurized - 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
Transmission Oil 75W LV - Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based - Lubricating oils (petroleum), C15-30, hydrotreated neutral oil-based - Gas oils (petroleum), hydrodesulfurized - 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
Gas oils (petroleum), hydrodesulfurized	3(c) 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 class 4.1
Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based - Lubricating oils (petroleum), C15-30, hydrotreated neutral oil-based - Gas oils (petroleum), hydrodesulfurized	28. Substances which appear in Part 3 of Annex VI to Regulation (EC) No 1272/2008 classified as Carcinogen category 1A or 1B (Table 3.1) or Carcinogen category 1 or 2 (Table 3.2) and listed as follows: Carcinogen category 1A (Table 3.1)/Carcinogen category 1 (Table 3.2) listed in Appendix 1 Carcinogen category 1B (Table 3.1)/Carcinogen category 2 (Table 3.2) listed in Appendix 2

Contains no substance on the REACH candidate list
Contains no REACH Annex XIV substances

VOC (EU) 0 %

Other information, restriction and prohibition regulations Young people below the age of 18 years are not allowed to use the product. Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work, as amended. For details, refer to section 3 and 8.

National regulations

No additional information available.

15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

16. SECTION 16: Other information

Abbreviations and acronyms

ADN	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways.
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road.
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.

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

Acute Tox. 4 (Inhalation)	Acute toxicity (inhal.), Category 4.
Aquatic Chronic 2	Hazardous to the aquatic environment — Chronic Hazard, Category 2.
Asp. Tox. 1	Aspiration hazard, Category 1.
Carc. 1B	Carcinogenicity, Category 1B.
Skin Irrit. 2	Skin corrosion/irritation, Category 2.
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H332	Harmful if inhaled.
H350	May cause cancer.
H411	Toxic to aquatic life with long lasting effects.

Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]

Asp. Tox. 1	H304	Calculation method
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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 LV
Ford Int. Ref. No.: 196062

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Involved Products:

	Finiscode	Part number	Container Size:
1.	2 191 179	JU7J M2C200 AA	1 l
2.	2 191 181	JU7J M2C200 CA	60 l