



# SAFETY DATA SHEET

Page : 1

Revised edition no : 1

Date : 20 / 11 / 2008

Supersedes : 0 / 0 / 0

## Yanmar Premium Diesel Oil

YAN15W40

### 1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

**Identification of the product** : Lubricant.  
**Trade name** : Yanmar Premium Diesel Oil  
**Type of product** : Mineral oil.  
**Use** : Lubricant oil.  
**Company identification** : Yanmar Europe  
Brugplein 11  
1332 BS Almere (de Vaart) NETHERLANDS  
Tel: +31 (0)36-5493200  
Fax: +31 (0)36-5493209  
**Emergency phone nr** : +31 (0)15 251 4030

### 2 HAZARDS IDENTIFICATION

**Hazards identification** : No significant hazards.  
**Undesirable human health effects** : None under normal conditions.  
**Environmental hazard** : This product contains hazardous components for the environment.  
**Symptoms relating to use** : None under normal conditions.

### 3 COMPOSITION/INFORMATION ON INGREDIENTS

**Components** : Mixture of strong refined mineral oil (PCA-content < 3% - IP 346) and additives.  
This product is not hazardous but contains hazardous components.

Substance name	Contents	CAS No	EC No	Annex No	Classification
Base oil : lubricating oils, C20-50	70 - 80	72623-87-1	276-738-4	649-483-00-5	
Polyolefine polyaminesuccinimide, polyol	2 - 4	----	----	----	R53
Zinc Alkyldithiofosfaat	1 - 3	68649-42-3	272-028-3	----	Xi; R38-41 N; R51-53
Calcium sulphonate	0.1 - 1	68610-84-4	271-877-7	----	R43
<b>Text of R-Phrases</b>	: See Heading 16.				

### 4 FIRST AID MEASURES

**First aid measures**

- **Inhalation** : Assure fresh air breathing.  
If you feel unwell, seek medical advice.
- **Skin contact** : Remove contaminated clothing and shoes.  
Wash skin with mild soap and water.
- **Eye contact** : Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persist.
- **Ingestion** : Do not induce vomiting.  
Seek medical attention immediately.

### 5 FIRE-FIGHTING MEASURES

**Flammable class** : This product is not much flammable.  
**- Suitable extinguishing media** : Powder.  
Carbon dioxide.

#### Yanmar Europe

Brugplein 11 1332 BS Almere (de Vaart) NETHERLANDS  
Tel: +31 (0)36-5493200  
Fax: +31 (0)36-5493209

In case of emergency : +31 (0)15 251 4030



# SAFETY DATA SHEET

Page : 2

Revised edition no : 1

Date : 20 / 11 / 2008

Supersedes : 0 / 0 / 0

## Yanmar Premium Diesel Oil

**YAN15W40**

### 5 FIRE-FIGHTING MEASURES (continued)

- Unsuitable extinguishing media : Water fog.
- Surrounding fires : Do not use a heavy water stream.
- Protection against fire : Use water spray or fog for cooling exposed containers.
- Special procedures : Do not enter fire area without proper protective equipment, including respiratory protection.
- Special procedures : Exercise caution when fighting any chemical fire.

### 6 ACCIDENTAL RELEASE MEASURES

- Personal precautions : Avoid all unnecessary exposure.  
Equip cleanup crew with proper protection.
- Technical measures : Remove ignition sources.
- Environmental precautions : Prevent entry to sewers and public waters.  
Notify authorities if product enters sewers or public waters.
- Clean up methods : Clean up any spills as soon as possible, using an absorbent material to collect it.  
Use suitable disposal containers.
- on soil : Spill area may be slippery.

### 7 HANDLING AND STORAGE

- Storage : Keep only in the original container in a cool, well ventilated place.  
Keep at temperature not exceeding 45°C
- Handling : No naked lights. No smoking.  
Wash hands and other exposed areas with mild soap and water before eat, drink or smoke and when leaving work.

### 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

- Respiratory protection : No special respiratory protection equipment is recommended under normal conditions of use with adequate ventilation.
- Hand protection : In case of repeated or prolonged contact wear gloves.
- Skin protection : Wear suitable protective clothing.
- Eye protection

MAC [mg/m<sup>3</sup>] : 5

### 9 PHYSICAL AND CHEMICAL PROPERTIES

- Colour : Brown.
- Odour : Characteristic.
- Pour point [°C] : -27°C
- Density : 0,887
- Viscosity at 40°C [mm<sup>2</sup>/s] : 130.4
- Solubility in water : Insoluble.
- Flash point [°C] : >200

#### Yanmar Europe

Brugplein 11 1332 BS Almere (de Vaart) NETHERLANDS

Tel: +31 (0)36-5493200

Fax: +31 (0)36-5493209

In case of emergency : +31 (0)15 251 4030



# SAFETY DATA SHEET

Page : 3

Revised edition no : 1

Date : 20 / 11 / 2008

Supersedes : 0 / 0 / 0

## Yanmar Premium Diesel Oil

YAN15W40

### 10 STABILITY AND REACTIVITY

Stability and reactivity	: Stable under normal conditions.
Hazardous decomposition products	: Carbon dioxide. Carbon monoxide.
Hazardous reactions	: None under normal conditions.
Hazardous properties	: None under normal conditions.
Materials to avoid	: Strong oxidizers. Strong acids. Bases.
Conditions to avoid	: Extremely high or low temperatures.

### 11 TOXICOLOGICAL INFORMATION

Toxicity information	
Acute toxicity	: Considered as non toxic.
- Inhalation	: Slight irritant by inhalation.
- Ingestion	: Slight irritant by ingestion.
- Other	: Direct contact with the eyes is likely slightly irritating. Repeated or prolonged skin contact may cause dermatitis and defatting.
- Other	: Slight skin irritant.

### 12 ECOLOGICAL INFORMATION

On product	: Not soluble in water, so only minimally biodegradable.
Ecological effects information	: No data available.
Environmental precautions	: Prevent entry to sewers and public waters.
Bioaccumulative potential	: None under normal conditions.
LC50-96 Hour - fish [mg/l]	: No data available.
WGK class (Germany)	: 2

### 13 DISPOSAL CONSIDERATIONS

General	: Dispose in a safe manner in accordance with local/national regulations.
Disposal method	: 2001/118/EG
Industrial waste number	: 13 02 05

### 14 TRANSPORT INFORMATION

General information	: Not classified.
---------------------	-------------------

### 15 REGULATORY INFORMATION

Symbol(s)	: None.
R Phrase(s)	: R52/53 : Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
S Phrase(s)	: S29/56 : Do not empty into drains, dispose of this material and its container to hazardous or special waste collection point.

#### Yanmar Europe

Brugplein 11 1332 BS Almere (de Vaart) NETHERLANDS

Tel: +31 (0)36-5493200

Fax: +31 (0)36-5493209

In case of emergency : +31 (0)15 251 4030



# SAFETY DATA SHEET

Page : 4

Revised edition no : 1

Date : 20 / 11 / 2008

Supersedes : 0 / 0 / 0

**Yanmar Premium Diesel Oil****YAN15W40****15 REGULATORY INFORMATION (continued)**

S29 : Do not empty into drains.

S35 : This material and its container must be disposed of in a safe way.

S59 : Refer to manufacturer/supplier for information on recovery/recycling.

S61 : Avoid release to the environment. Refer to special instructions/Safety data sheets.

**Other**

: Safety data sheet available for professional user on request.

**16 OTHER INFORMATION****List of relevant R phrases (heading 2)** : R38 : Irritating to skin.

R41 : Risk of serious damage to eyes.

R43 : May cause sensitization by skin contact.

R51/53 : Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R53 : May cause long-term adverse effects in the aquatic environment.

**Revision**

: None.

The contents and format of this SDS are in accordance with EC Commission Directive 2001/58/EC.

**DISCLAIMER OF LIABILITY** The information in this SDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This MSDS was prepared and is to be used only for this product. If the product is used as a component in another product, this MSDS information may not be applicable.

**End of document**