

## PRODUCT DATA SHEET

# 20W-50 TRACTOR OIL

## Description

High quality diesel engine oil developed specifically for turbo diesel engines of tractors and combine harvesters.

## Applications

Used for turbo diesel engines of agricultural machines including the latest models.

## Benefits

- Cleans the engine by preventing deposits with the help of detergent-dispersant additives.
- Helps preventing oil consumption and wear.
- Extends oil change intervals.
- Reduces product range in the filo by its wide application area.
- Helps engine to start easily in cold conditions, provides effective lubrication in hot conditions.
- Creates high film layer at high temperatures with its high Viscosity Index modifiers.

## Performance

API CF-4/CF

TEST	METHOD	TYPICAL PROPERTIES
Density, g/cm <sup>3</sup> , at 15°C	ASTM D 4052	0,895
Kinematic Viscosity, cSt, at 100°C	ASTM D 445	22
Kinematic Viscosity, cSt, at 40°C	ASTM D 445	165
Viscosity Index	ASTM D 2270	150
Flash Point, °C, min	ASTM D 92	234
Pour Point, °C, max	ASTM D 97	-27
Total Base Number, mg KOH/g	ASTM D2896	7,9

## TRACTOR 20W-50 Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878  
Issue date: 21/12/2023 Revision date: 19/11/2024 Supersedes version of: 06/01/2024 Version: 7.3

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

**PRODUCT NAME** TRACTOR 20W-50  
**SUPPLIER** **FACO PETROL KİMYA SANAYİ DİŞ TİCARET LTD. ŞTİ.**  
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**PRODUCT NO.** 11251  
**APPLICATION** Engine oil  
**EMERGENCY TELEPHONE** +90 552 222 6766

### 2 HAZARDS IDENTIFICATION

Not regarded as a health or environmental hazard under current legislation.

### 3 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content	Classification (67/548)
Alkoxylated long chain alkyl alcohol			< 1%	Xi;R41. N;R50.
Calcium long chain alkaryl sulfonate			< 1%	Xi;R38.
Calcium long chain alkylphenate sulfide			< 1%	R53.
HYDROCARBONS, C20-50, SOLVENT DEWAXED HEAVY PARAFFINIC, HYDROTREATE (DMSO<3% by IP 346)	292-617-9	90640-95-2	80-90%	-
p-dodecylphenol	310-154-3	121158-58-5	< 1%	Repr. Cat. 3;R62. Xi;R38. N;R50/53.
Zinc alkylidithiophosphate	272-028-3	68649-42-3	1-5%	Xi;R38,R41. N;R51/53.

The Full Text for all R-Phrases are Displayed in Section 16

### COMPOSITION COMMENTS

Some substances are not classified by legislation. They are self classified by the manufacturer. The DMSO extract by IP 346 of the oil is less than 3%

### 4 FIRST-AID MEASURES

#### GENERAL INFORMATION

Get medical attention if any discomfort continues.

#### NOTES TO THE PHYSICIAN

No specific treatment. treat symptomatically.

#### INHALATION

Move the exposed person to fresh air at once. Rinse nose and mouth with water. Get medical attention if any discomfort continues.

#### INGESTION

NEVER MAKE AN UNCONSCIOUS PERSON VOMIT OR DRINK FLUIDS! Rinse mouth thoroughly. Get medical attention if any discomfort continues.

#### SKIN CONTACT

Remove affected person from source of contamination. Remove contaminated clothing. Wash the skin immediately with soap and water. Get medical attention if any discomfort continues.

#### EYE CONTACT

Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

### 5 FIRE-FIGHTING MEASURES

#### EXTINGUISHING MEDIA

This product is not flammable. Fire can be extinguished using: Foam, carbon dioxide or dry powder.

#### SPECIAL FIRE FIGHTING PROCEDURES

Avoid breathing fire vapours. Keep run-off water out of sewers and water sources. Dike for water control.

#### SPECIFIC HAZARDS

In case of fire, toxic gases may be formed (COx, NOx).

#### PROTECTIVE MEASURES IN FIRE

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

### 6 ACCIDENTAL RELEASE MEASURES

#### PERSONAL PRECAUTIONS

Wear protective clothing as described in Section 8 of this safety data sheet.

#### ENVIRONMENTAL PRECAUTIONS

Do not discharge into drains, water courses or onto the ground.

#### SPILL CLEAN UP METHODS

Stop leak if possible without risk. Absorb in vermiculite, dry sand or earth and place into containers. Flush with plenty of water to clean spillage area. Do not contaminate water sources or sewer.

### 7 HANDLING AND STORAGE

#### USAGE PRECAUTIONS

Avoid spilling, skin and eye contact. Contaminated clothing and shoes must be discarded.

#### STORAGE PRECAUTIONS

Store in tightly closed original container in a dry and cool place. Keep in original container.

### 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

#### PROTECTIVE EQUIPMENT



#### ENGINEERING MEASURES

Provide adequate ventilation. Observe occupational exposure limits and minimize the risk of inhalation of vapours. **RESPIRATORY**

#### EQUIPMENT

No specific recommendation made, but respiratory protection may still be required under exceptional circumstances when excessive air contamination exists.

#### HAND PROTECTION

Use suitable protective gloves if risk of skin contact. Use protective gloves made of: Nitrile. Polyvinyl chloride (PVC). **EYE**

#### PROTECTION

If risk of splashing, wear safety goggles or face shield. **OTHER**

#### PROTECTION

Wear appropriate clothing to prevent any possibility of skin contact.

#### HYGIENE MEASURES

Wash at the end of each work shift and before eating, smoking and using the toilet. Wash promptly if skin becomes wet or contaminated. Promptly remove any clothing that becomes contaminated. When using do not eat, drink or smoke.

### 9 PHYSICAL AND CHEMICAL PROPERTIES

#### APPEARANCE

Liquid

<b>COLOUR</b>	Brown	<b>VISCOSITY</b>	17.92 cSt 100
<b>RELATIVE DENSITY</b>	0.89 g/ml 15		
<b>FLASH POINT (°C)</b>	258 OC (Open cup).		

## 10 STABILITY AND REACTIVITY

### STABILITY

Stable under normal temperature conditions. **CONDITIONS TO**

### AVOID

Avoid excessive heat for prolonged periods of time. Avoid contact with strong oxidisers. **HAZARDOUS**

### DECOMPOSITION PRODUCTS

Fire creates: Carbon monoxide (CO). Carbon dioxide (CO<sub>2</sub>).

## 11 TOXICOLOGICAL INFORMATION

### INHALATION

In high concentrations, vapours may irritate throat and respiratory system and cause coughing. **INGESTION**

May cause discomfort if swallowed. **SKIN**

### CONTACT

Liquid may irritate skin.

### EYE CONTACT

Spray and vapour in the eyes may cause irritation and smarting.

## 12 ECOLOGICAL INFORMATION

### ECOTOXICITY

Not regarded as dangerous for the environment.

## 13 DISPOSAL CONSIDERATIONS

### GENERAL INFORMATION

The packaging must be empty (drop-free, when inverted) **DISPOSAL**

### METHODS

Dispose of waste and residues in accordance with local authority requirements. Environmental manager must be informed of all major spillages. Do not allow runoff to sewer, waterway or ground.

## 14 TRANSPORT INFORMATION

### GENERAL

The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID).

No transport warning sign required.

### ROAD TRANSPORT NOTES

Not Classified **RAIL**

### TRANSPORT NOTES

Not classified.

### SEA TRANSPORT NOTES

Not classified.

### AIR TRANSPORT NOTES

Not classified.

## 15 REGULATORY INFORMATION

### RISK PHRASES

NC

Not classified.

### SAFETY PHRASES

P13

Safety data sheet available for professional user on request.

### STATUTORY INSTRUMENTS

Chemicals (Hazard Information and Packaging) Regulations. **APPROVED**

### CODE OF PRACTICE

Classification and Labelling of Substances and Preparations Dangerous for Supply. Safety Data Sheets for Substances and Preparations.

## 16 OTHER INFORMATION

### INFORMATION SOURCES

This SDS is prepared based on the information received from raw material suppliers.

### REVISION COMMENTS

Company name changed

### ISSUED BY

Certificated from the Turkish Standards Institute (TSE) to prepare Safety Data Sheet (Certificate no: SDS - 0397)

**REVISION DATE** 17.06.2011

**DATE** 24.09.2010

### RISK PHRASES IN FULL

NC	Not classified.
R38	Irritating to skin.
R41	Risk of serious damage to eyes.
R50	Very toxic to aquatic organisms.
R50/53	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
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.
R62	Possible risk of impaired fertility.