

**VARIOUS LUBRICANT &
GREASE FACTORY L.L.C**

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**مصنع المتنوعة
للزيوت و الشحومات م.م**

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ص.ب : 1171 , أم القيوين , ا.ع.م

MATERIAL SAFETY DATA SHEET

Date : 17/06/2025
INVOICE NO : ZM-2025617G
Trade Name: ENGINE OIL SAE: 10W/40 API: SP

Composition/Information on ingredients:
Chemical Family : ADDITIVE & BASE OIL

Hazardous Components

Other information : No component is present at sufficient concentration to require a hazard classification for health in accordance with EC Directives.

Hazards Identification:

Symbol : None.
R phrase (s) : None.
S phrase (s) : None.

First Aid Measures:

Eyes: In case of contact with eyes, rinse immediately
With plenty and seek medical advice.
Skin: after contact with skin, wash immediately with plenty of soap and water.
Ingestion: Give 500 ml water to drink. DO NOT INDUCE VOMITING
Inhalation: Remove to fresh air.

Fire Fighting Measures:

: In case of fire and/or explosion do not breathe fumes.

: Approved supplied-air respirator.

Hazardous thermal Decomposition products

: Oxides of carbon and Sulphur.

: In case of fire, use carbon dioxide, dry

chemical, and foam.

Accidental release measures:

Personal precautions: Gloves and Goggles

Environmental Precautions: Prevent entry into drains and water courses.

Method for cleaning up: Soak up with inert absorbent.

Handling and Storage:

: Mechanical ventilation is recommended.

: Local exhaust is needed at source of vapors

: Local ventilation is needed at bulk vessel

Openings when handling heated materials.

Materials/Conditions to avoid: Keep at temperature not exceeding 60-70 °C.

: Avoid extremely high

Temperatures and storing oxidizing agents.

: Avoid over heating.

Exposure controls/Personal protection:

Respiratory : None under normal conditions.

Eye : Chemical Goggles

Hands : Wear suitable gloves resistant to chemical Penetration.
Other : Where contact with eyes or skin is likely, Wear suitable protection.

Physical and chemical properties:

Color : As of Base Oil
Odour : As of Base Oil
Density @ 15DC : 0.87
Viscosity@ 100DC: 12 TO 15
Viscosity Index : <132
TBN,mgKOH/gm : 9.50
Pour point : <-20
Solubility in water : Negligible.
Flash Point DC : 235(COC)

Stability and reactivity:

Unusual fire Ann explosion hazards : None known

Toxicological information:

Ocular : Not expected to be an irritant.
Dermal : Not expected to be an irritant.
Inhalation : Inhalation of mists or vapors at elevated Temperatures may cause respiratory Irritation.
Ingestion : Not expected to be toxic.
Other : Based upon its composition and test results For similar formulation.

Ecological Information:

Mobility : Adsorbs on to soil and is not expected to be Mobile.

: May require excavation of contaminated Soil.

Persistence/Degradability.

: Not readily biodegradable.

Bioaccumulation. : Contains components with the potential to Bioaccumulation.

Ecotoxicity.

: Low water solubility.

: Spills may form a film on water surfaces
Causing impaired oxygen transfer.

Disposal Considerations:

: Dispose in a safe manner in accordance
With local/national regulations.

Transport Information:

SEA: IMO Class : Unregulated.

Marpol-Annex II: Pollution category D-Ship type: Not applicable.

Proper shipping name: **ENGINE OIL SAE: 10W/40 API: SP**

Marpol-Annex III: Unregulated.

Road/Rail: ADR/RIS Class: Unregulated.

Air: IATA/ICAO Class : Unregulated.

Description:

Gasolena are ideal mixed fleet oils. These oils are formulated to provide effective control of wear, corrosion, oxidation and deposits

Gasoleo are available in 2 grades i.e. GASOLENA SL/CF and GASOLEO CF/SF

Gasoleo CD/SF Meets the performance requirements of API: CF/SF, MIL-L-2104C, MIL-L-46152Band MAN 270/1 etc.

GASOLEO SL/CF meets the grade of API CF/SF, MILL-L-46152Band MIL-L-2104B

Characteristic

- Improved dispersancy and detergency properties
- Good oxidation stability
- Good anti-wear and anti-rust, anti-corrosion properties
- Prolongs engine life

Applications

Recommended for advanced 4-stroke gasoline engines in high performance motorcycles of leading global manufacturers operating in wide range of ambient temperatures

Specifications, Approvals & Typical Properties

Meets the following Specifications		10W-30	10W-40	15W-50
API SL		X	X	X
JASO MA2			X	
Has the following On File Status				
JASO MA2		X		X
Typical Properties				
Test Parameters	ASTM Method	Typical Values		
Viscosity @ 100 °C, cSt	D 445	11.1	14.2	19.1
Viscosity Index	D 2270	145	153	151
Flash Point, °C	D 92	246	235	224
Pour Point, °C	D 97	-33	-33	-33
TBN, mg KOH/g	D 2896	9.7	8.7	9.5
Density @ 15°C, Kg/l	D 1298	0.872	0.878	0.871
Sulphated Ash, %wt	D 874	1.0	0.9	1.0

