



Lab Certified Lubricants



Technical Data Sheet

Engine Oils

C.I.M Ultra 5W30 A5/B5 SN/CF

Overview:

C.I.M Ultra 5W30 A5/B5 is a premium quality, Semi-synthetic base oils designed, engine oil for use in automotive petrol and diesel engines where the manufacturer recommends an ACEA A5/B5 API SN, ILSAC GF-4 specification.

Applications:

C.I.M Ultra 5W30 A5/B5 is designed for specification for Ford (WSS-M2C 913-D) and is primarily required for various vehicle types from 2011. Backwards compatible and can be used without hesitation in older Ford vehicles from 7/1998. Also suitable for vehicles from various other manufacturers.

This product is intended for use in high performance gasoline engines and light diesel engines for extended drain intervals where specified by the engine manufacturer, and/or for year-round use of low viscosity oils, and/or for severe operating conditions as defined by the engine manufacturer.

Benefits:

- Enhanced high temperature protection.
- Enhanced cold start-up performance.
- Enhanced engine cleanliness and sludge prevention
- Enhanced wear protection and
- Assist in achieving fuel economy (as per ACEA A5/B5)

Specifications

ACEA A5/B5	API SN	FORD WSS-M2C913-A/ WWS-M2C913-B/ WWS-M2C913-C/ WWS-M2C913-D
ILSAC GF-4	JAGUAR/ LAND ROVER STJLR.03.5003	



Lab Certified Lubricants

Technical data

SAE Grade	Viscosity (cSt) Index	Viscosity (cSt) at 40°C	Viscosity (cSt) at 100°C	Pour Point (In °C)	Flash Point (In °C)	Total Base Number
5W30 A5/B5	152.49	68.228	10.990	-42	257	9.5

C.I.M Ultra 5W30 A5/B5

C.I.M Lubri Fuel PTY (Ltd) - 486 Taljaard Street , Hermanstad Pretoria ,South Africa P.O Box 11053 Suiderberg 0055

Technical Help Line 060 428 8103 / Customer Service 012 377 2507

www.cimlubrifuel.com

This data sheet and the information is believed to be accurate as of the date of printing. However, to the extent that it is permissible by law to exclude warranties and representations, no warranty or representation, express or implied, is made as to its accuracy or completeness. Data provided is based on standard tests under laboratory conditions and is given as a guide only. Users are advised to ensure that they refer to the latest version of this data sheet.

TDS-MSDS-101 CIM ULTRA 5W30 A5B5

Effective Date: 18 January 2021

Next Review Date: 17 January

2025

Initial Release Date: 18 January 2021

Approved by MD

Page 2 of



Lab Certified Lubricants

Material Safety Data Sheet

Engine Oils

1. PRODUCT AND COMPANY IDENTIFICATION

Table with 2 columns: Field (Manufacturer/Supplier, Trade Name, Phone Number, Fax, Mobile, Email) and Value (C.I.M LUBRICANTS PTY (Ltd), C.I.M LUBRICANTS PTY (Ltd) P.O. Box 11053 Suiderberg 0055, 012-377 2507, 012-377 2507, 082 453 3810 / 072 422 5464, technical@cimlubrifuel.com)

2. COMPOSITION/INFORMATION ON THE COMPONENTS

Table with 5 columns: Hazardous Components in Product, Codes, Concentration, Phrases, Classification. Rows include Solvent refined mineral base oils (80.00 – 95.00) and Performance agents (5.00 – 20.00).

3. HAZARD IDENTIFICATION

Table with 2 columns: Main Hazards, Health Effects (Eyes, Skin, Ingestion, Inhalation) and Description (Not hazardous according to OSHA 29 CFR 1910.1200, May cause irritation to the eyes, No hazard providing normal cleansing is carried out, No problems expected for minor ingestion. However, for amounts exceeding 1/2 liter give 1 or 2 glasses of water and call a doctor, May cause irritation, dizziness or nausea if inhaled over a prolonged period, especially whilst hot).

4. FIRST AID MEASURES

Table with 2 columns: First Aid (Eyes, Skin, Ingestion, Inhalation) and Action (Flush thoroughly with water. If irritation occurs, call a doctor. Wash skin with soap and water. Wash out mouth with water. Obtain medical attention. Do not induce vomiting. Remove from exposure and if the patient experiences irritation, nausea or unconsciousness, seek medical assistance).

5. FIRE FIGHTING MEASURES

Table with 2 columns: Fire Fighting Measures (Extinguishing Media, Unsuitable Extinguishing Media, Special Hazards of Product, Protective Equip, for Fire-Fighting) and Description (Use foam, dry chemical, carbon dioxide or water fog. Do not use water jet. No special hazards. Wear self-contained breathing apparatus for fires in enclosed spaces).



Lab Certified Lubricants

6. ACCIDENTAL RELEASE MEASURES	
Personal Precautions	Material can create slippery conditions underfoot.
Environmental Precautions	Try to prevent the material from entering drains or watercourses.
Spillages	Contain and absorb using diatomaceous earth or other inert material. Transfer into suitable containers for disposal.
7. HANDLING AND STORAGE	
Handling	No special precautions are required.
Storage	Storage temperature should be controlled to between 1 and 40°C. Where outside storage of drums is unavoidable, they should be stored horizontally to avoid ingress of water.
8. EXPOSURE CONTROLS/PERSONAL PROTECTION	
Occupational Exposure Standards	
OIL MIST, CHEMICAL	UK EH40: OES 5mg/m ³ 8 h TWA. UK EH40: OES 10mg/m ³ 15 min TWA.
Engineering Control Measures	Exposure to this material may be controlled in several ways. The measures appropriate for a particular worksite depend on how the material is used and on the potential for exposure. Use of the basic principles of industrial Hygiene will enable this material to be used safely.
Respiratory Protection	Respiratory protection is not normally required.
Hand Protection	No special protection needed. However, good personal hygiene practices should always be followed.
Eye Protection	Chemical goggles if there is a risk of eye contact.
Body Protection	Normal work wear
9. PHYSICAL AND CHEMICAL PROPERTIES	
Physical State	Liquid
Colour	Amber
Odour	Faint
pH	N/A
Boiling Range/Point (°C)	Boils above 320°C
Flash Point (PMCC) (°C)	Exceeds 200 °C
Solubility in Water (kg/m ³)	Insoluble
Density (kg/m ³)	0.856 kg per liter
Auto-flammability (°C)	Above 350°C
Viscosity (cSt)	See technical data sheet
10. STABILITY AND REACTIVITY	
Stability	Stable under normal conditions
Conditions to Avoid	Strong oxidation
Materials to Avoid	Strong oxidizing agents
Hazardous Decomposition Products	Combustion will generate carbon monoxide and smoke, possibly thick and choking,



Lab Certified Lubricants

	resulting in zero visibility.
11. TOXICOLOGICAL INFORMATION	
Acute Toxicity	Low order of acute toxicity.
12. ECOLOGICAL INFORMATION	
Mobility	The product will leach into soil and will float on water.
Persistence/Degradability	The product is expected to biodegrade very slowly with time.
13. DISPOSAL	
Product Disposal	Dispose of in accordance with all applicable local and national regulations.
Container Disposal	An approved drum recycler can recycle containers.
14. TRANSPORT INFORMATION	
Un Class	Not classified
IMO Class	Not classified
IMDG Class	Not classified
IATA Class	Not classified
15. REGULATORY INFORMATION	
Labelling information	Irritant
Government Inventory Status	Not established
US Superfund Amendments	This product contains no "Extremely Hazardous Substances"
16. OTHER INFORMATION	
MSDS First Issued	18 Jan 2021
MSDS Data Revised	N/A
Product Use	Automotive Engine Oil
To the best of our knowledge, the information contained herein is accurate. Although certain hazards may be described we cannot predict that these are the only hazards, or combination of hazards, that may exist in a workplace. This MSDS, therefore, forms a component only of a risk assessment carried out by, or on behalf of, the user.	