

TITAN SYN SP Range



**LUBRICANTS.
TECHNOLOGY.
PEOPLE.**



Caribbean Automotive Distributors Ltd.

Website: www.cadltd.com

INTRODUCING OUR NEW ENGINE OIL PRODUCT LINE TITAN SYN SP



GENERAL INFORMATION

American and Asian automotive manufacturers often refer to the specifications of the American Petroleum Institute (API) or the International Lubricants Standardization and Approval Committee (ILSAC) - especially in the engine oil sector - instead of developing and publishing their own specifications.

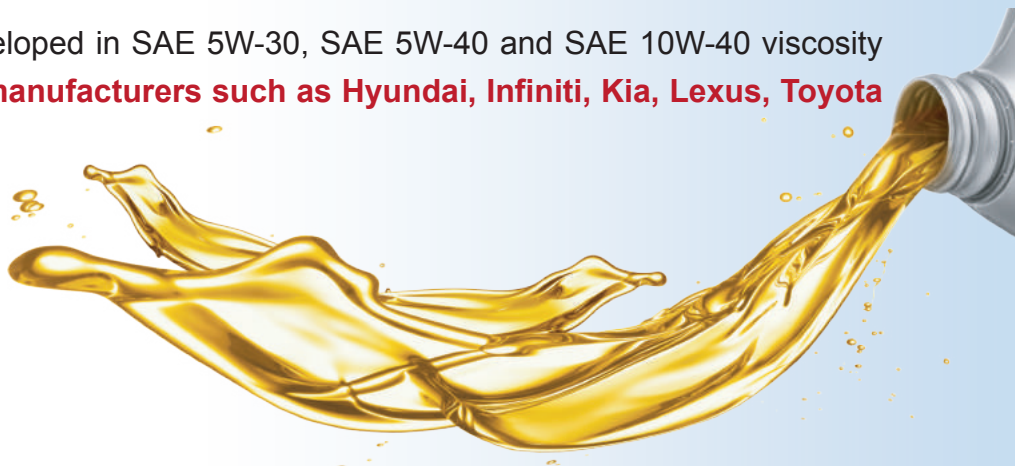
In order to address precisely these manufacturers, we are now introducing our TITAN SYN SP range.

PRODUCT PROFILE AND APPLICATION

The TITAN SYN SP range is an engine oil range developed specifically for the API SP and ILSAC GF-6 A engine oil specifications published in 2021. TITAN SYN SP products meet the most modern API/ILSAC specifications. Consequently, the products fulfil the highest requirements in regard to the protection of exhaust aftertreatment systems and turbochargers. Both the API SP and ILSAC GF-6 A specifications include an engine test to simulate uncontrolled preignition in the combustion chamber. Consequently, the **TITAN SYN SP Range provides excellent and reliable protection of the engine and individual components from LSPI.**

In principle, the products and the specifications **API SP and ILSAC GF-6A are backwards compatible to all previous API S- and ILSAC GF- classes.** This means that both, latest vehicle models and also vehicles that have been on the market for several years can be supported.

TITAN SYN SP has been developed in SAE 5W-30, SAE 5W-40 and SAE 10W-40 viscosity grades and **can be used for manufacturers such as Hyundai, Infiniti, Kia, Lexus, Toyota and many more.**



Benefits of TITAN SYN SP Range

Reduced Oil and Fuel Consumption



Outstanding Wear Protection



Optimized Cleanliness and Ageing Stability



LSPI Protection



TITAN SYN SP SAE 5W-30

Ultra High Performance, Fuel -economy engine oil for a variety of gasoline engines in passenger cars. Low oil consumption.



Advantages / Benefits

- Universally applicable for gasoline engines with and without exhaust gas aftertreatment according to API AP and ILSAC GF-6 A.
- Protection against low-speed pre-ignition (LSPI).
- Very good wear protection, even under high loads.
- Reliable cold starting and rapid oil circulation.
- Protects exhaust gas aftertreatment systems.
- Can also be used in older vehicle models due to the backwards compatibility.

Applications

- Japanese and Korean gasoline engines!
- Nissan
- Toyota
- Honda
- Mitsubishi
- Suzuki
- Mazda
- Subaru
- Hyundai
- Kia

Specifications

- API SP
- ILSAC GF-6 A

TITAN SYN SP SAE 10W-40

Ultra High Performance , fuel-economy engine oil for a variety of gasoline engines in passenger cars. Low oil consumption.



Advantages / Benefits

- Universally applicable for gasoline engines with and without exhaust gas aftertreatment according to API AP and ILSAC GF-6 A.
- Protection against low-speed pre-ignition (LSPI).
- Very good wear protection, even under high loads.
- Reliable cold starting and rapid oil circulation.
- Protects exhaust gas aftertreatment systems.
- Can also be used in older vehicle models due to the backwards compatibility.

Applications

- Japanese and Korean gasoline engines!
- Nissan
- Toyota
- Honda
- Mitsubishi
- Suzuki
- Mazda
- Subaru
- Hyundai
- Kia

Specifications

- API SP
- ILSAC GF-5
- ILSAC GF-6 A

TITAN SYN SP SAE 5W-40

Ultra High Performance , fuel-economy engine oil for a variety of gasoline engines in passenger cars. Low oil consumption.



Advantages / Benefits

- Universally applicable for gasoline engines with and without exhaust gas aftertreatment according to API AP and ILSAC GF-6 A.
- Protection against low-speed pre-ignition (LSPI).
- Very good wear protection, even under high loads.
- Reliable cold starting and rapid oil circulation.
- Protects exhaust gas aftertreatment systems.
- Can also be used in older vehicle models due to the backwards compatibility.

Applications

- Japanese and Korean gasoline engines!
- Nissan
- Toyota
- Honda
- Mitsubishi
- Suzuki
- Mazda
- Subaru
- Hyundai and Kia

Specifications

- API SP
- ILSAC GF-5
- ILSAC GF-6 A

TITAN Supersyn D1 SAE 0W-20

Ultra High Performance, extreme fuel economy engine oil, specially developed for GM gasoline engines requiring dexos1™ Gen 2 fluid. Optimum cold starting, lower oil consumption and minimized exhaust emissions.



Advantages / Benefits

- Low oil consumption due to minimized evaporative loss.
- Excellent wear protection even under high permanent load with maximum power output.
- Inhibits deposits in engines and turbochargers, this excellent operation reliability and reduced maintenance costs.
- Prevents low pre-ignition.
- Suitable for selected hybrid vehicles depending on OEM requirements.

Applications

- Japanese and Korean Hybrid Vehicles
- Some Honda VTEC cars
- BMW LONGLIFE -01
- MB-APPROVAL 226.5
- MB-APPROVAL 229.5
- PORSCHE A40
- PSA B71 2296
- RENAULT RN0700 / RN0710
- VW 502 00 / 505 00

Approvals

- Gm Vehicles requiring DEXOS 1-GEN 2 oil.

Specifications

- API SN PLUS RC
- ILSAC GF-5

TITAN SUPERSYN SAE 5W-50

Ultra High Performance oil for passenger cars. Optimum cold starting behaviour and low oil consumption. Highly durable lubricating film and high oil pressure.



Advantages / Benefits

- Multipurpose use in many different cars.
- Good cold start performance.
- Very good engine cleanliness.
- High thermal stability.
- Fuel savings at all running conditions.
- Low evaporation loss.
- Improved oil pressure.
- Sustainable wear protection for all engines

Applications

- Older Gasoline engine vehicles up to the year 2000.
- High Milage Vehicles consuming oil.

FUCHS Recommendations

- ACEA A3/B4
- API SL/CF

TITAN CVT FLEX

Ultra High Performance CVTF specially designed for use in Many CVT– gearboxes using push belts or transmission chains made of steel.



Advantages / Benefits

- Universally applicable for many CVT transmission of various manufacturers.
- Offers excellent wear protection.
- Optimized low temperature properties.
- Very stable friction characteristics over the entire drain interval.
- Specially developed additive components for good ageing and oxidation stability, as well as outstanding protection against foaming.

Applications

- CVT Transmission fluid for a wide range of Japanese and Korean vehicles.
- Used in CVT Gearboxes using Push belts or Chains made of steel.
- Nissan
- Toyota
- Honda
- Mitsubishi
- Suzuki
- Mazda & Subaru
- Hyundai & Kia



TITAN TRUCK PLUS 15W-40

Super High Performance Engine Oil for a variety of diesel and gasoline engines. Specially for high-loaded commercial vehicle diesel engines. Lower oil consumption.



Advantages / Benefits

- Excellent wear protection even under high continuous stress.
- Protection from corrosion even when used with **diesel fuels with high sulphur content**.
- Sludge and adhesions are securely prevented by TITAN TRUCK PLUS 15W-40 both with extraordinarily high thermal loads as well as in stop-and-go driving.

Applications

- All makes of Japanese diesel engine trucks: Hino; Isuzu; UD and Fuso.
- Diesels: Pick-ups; Panel Vans, Maxi Taxi's; SUV's
- Heavy Construction Equipment: Excavators; Bulldozer; Backhoes; Cranes; Front end loaders; Marine diesel engines.

Approvals

- Cummins CES 20076/7/8
- Detroit Diesel 93K215
- Deutz DQC III-10
- Mack EO-N
- MAN M3275-1
- MB Approval 228.3
- MTU DDC Type 2
- Renault RLD/RLD-2
- Volvo VDS-3

Specifications

- ACEA E7
- API CI-4/SL
- GLOBAL DHD-1
- CAT ECF-1-a /ECF-2

TITAN CARGO MAXX II 10W-40

Premium MAXX Performance Engine Oil specially developed for vehicles with modern exhaust after treatment and turbocharger. Good cold starting properties and excellent ageing stability for fuel-economy over the whole drain –interval.



Advantages / Benefits

- Excellent wear protection.
- Excellent oxidation and ageing stability.
- Optimized engine cleanliness.
- First class fuel economy potential.
- Suitable for the longest drain intervals of various manufacturers.
- Approved according to MAN M3677 for MAN EURO VI vehicles.

Applications

- Diesels: Pick-ups; Panel Vans, Maxi Taxi's; SUV's
- Trucks from Hino; Hyundai; Isuzu; UD and Fuso 2010>

Approvals

- DEUTZ DQC IV-18 LA
- MACK EOS-4.5
- MAN M 3477
- MAN M 3677
- MB-APPROVAL 228.31 / 228.51
- MTU DDC TYPE 3.1
- RENAULT RLD-3
- SCANIA LA
- VOLVO VDS-4.5

Specifications

- ACEA E9 /E7 /E6
- API CK-4 /SN
- CAT ECF-3

MAINTAIN DIESEL EFFECT

Super High performance Fuel additive improving Diesel fuel properties for singular as well as constant treatment.



Advantages / Benefits

- Maintains the engine performance.
- Reduces fuel consumption.
- Reduces exhaust emissions.
- Prevents from corrosion and aging
- Eliminates existing deposits in fuel tank, pipes, injector nozzles, combustion chamber and valves.
- Improves water separation.
- Can make the use of biocides unnecessary.

Applications

- Premium Performance Fuel treatment additive for Diesel engines.
- For constant use to maintain a clean engine.
- Suitable for all diesel fuels acc. To EN 590.
- Suitable for all bio-diesel fuels acc. To EN 14214.
- Suitable for all diesel fuels with high share of substitutes: Type B7 until B100.

MAINTAIN GASOLINE PLUS

Super High Performance Fuel Additive designed to clean the entire fuel system of gasoline engines. Recommended for constant use.



Advantages / Benefits

- Suitable for all fuel injection systems types (Port Fuel Injection PFI); (Direct Fuel Injection DFI); Carburetor engines; 2 stroke engines.
- Excellent deposit control in:
 - ◇ Combustion chamber
 - ◇ Valves
 - ◇ Intake
 - ◇ Injector nozzles
 - ◇ Fuel pipe and Tank
- Excellent keep clean performance.
- Excellent clean up performance.
- Very good corrosion protection.
- Very good water separation performance.
- Metal and ashless technology.
- Ashless combustion.
- Suitable for all commercially available gasoline fuels.
- Suitable for gasoline up to E20.
- Keeps engine powerful.
- Saves fuel.
- Specially recommended for the use with poor gasoline qualities, i.e. containing a high level of Sulphur.
- Specially recommended for constant use.
- Premium Performance fuel treatment additive for gasoline engines. Constant