

# Technical Data Sheet

## FEIKEN PERFORM LUBE PLUS FULLY SYNTHETIC ENGINE OIL SAE 5W-30 | *MAXIMIZE YOUR RIDE PERFORMANCE*

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### PRODUCT DESCRIPTION

**FEIKEN PERFORM LUBE PLUS Fully Synthetic Engine Oil SAE 5W-30** is a high-performance engine oil designed to meet the demands of the latest gasoline and diesel engines while delivering excellent all-around performance. The formulation establishes a protective barrier that extends the life of your engine and maintains its functionality like new. As a testament to its durability and reliability, this advanced engine oil offers extended protection up to 10,000 miles, underscoring its commitment to long-lasting performance. In essence, **FEIKEN PERFORM LUBE PLUS Fully Synthetic Engine Oil SAE 5W-30** is more than just an engine oil; it's a comprehensive solution designed to enhance your driving experience by protecting your engine's health and efficiency over the long term.

**FEIKEN PERFORM LUBE PLUS Fully Synthetic Engine Oil SAE 5W-30** is fortified with innovative *THERMO GUARD TECHNOLOGY™*, which enhances the thermal management capabilities of this engine oil and acts as a dynamic temperature regulator. The technology ensures the engine operates within an optimal temperature range, preventing overheating, reducing wear on critical components, and improving overall efficiency. This synergistic blend of versatility, all-season adaptability, and advanced technology positions **FEIKEN PERFORM LUBE PLUS Fully Synthetic Engine Oil SAE 5W-30** as the ideal choice for those seeking not only optimal engine protection but also enhanced thermal stability and performance for their gasoline and diesel-powered vehicles.



“*THERMO GUARD TECHNOLOGY™* operates as an advanced thermal management system designed to regulate and optimize temperature conditions within the engine. This technology relies on a sophisticated blend of additives and formulations that exhibit superior thermal stability. As the engine functions, generating heat through combustion and friction, *THERMO GUARD TECHNOLOGY™* efficiently absorbs, disperses, and dissipates this heat.”

The proprietary components within *THERMO GUARD TECHNOLOGY™* act as thermal insulators, mitigating temperature spikes and ensuring that the engine operates within an optimal thermal range. By maintaining these controlled temperature conditions, the technology minimizes wear on critical engine components, reduces friction, and enhances overall lubrication effectiveness. This not only contributes to heightened engine performance but also extends the longevity of engine components, promoting durability and reliability.

### MEETS OR EXCEED INDUSTRY STANDARDS OF

The product meets the performance and environmental standards set by major Japanese, European, and American automotive manufacturers. It adheres to the standards of ACEA, API, as well as meeting the specifications of renowned brands like Mercedes-Benz, BMW, GM, Renault, Volvo, Toyota, Lexus, Honda, Nissan, Mazda, Daihatsu, and etc.

- ACEA A3/B3, A3/B4
- API SN/CF, SN PLUS
- BMW Longlife-01
- MB-Approval 226.5/229.3/229.5
- Porsche A40
- Renault RN0700/RN0710
- Volkswagen 502.00/505.00
- Viscosity SAE 5W-30

## SPECIAL PROPERTIES

- Meets OEM standards for quality.
- Stable and excellent viscosity behavior and shear stability.
- Provides extended engine life with high-level wear protection under a wide variety of operating conditions.
- Ensures rapid oil delivery at low temperatures and optimal oil pressure across all engine speeds.
- Enhances protection against sludge, promoting overall engine cleanliness.
- Reduces fuel consumption and wear during start-up.
- Extra cleaning performance to help prevent the formation of sludge and harmful deposits.
- Keeps your engine running like new.
- Offers outstanding thermal and oxidation stability to reduce oil ageing, allowing extended drain intervals.
- Provides excellent lubrication and wear protection for all driving styles and conditions.
- High oxidation stability and strong resistance to high- and low-temperature sludge formation.
- Turbo-friendly additives ensure durability.

## APPLICATIONS

FEIKEN PERFORM LUBE PLUS Fully Synthetic Engine Oil SAE 5W-30 is engineered for optimal performance and protection in a variety of vehicles. This advanced engine oil is designed **for use in passenger cars, 4WDs, and light-duty commercial vehicles with gasoline engines**, meeting the demands of high-power density and high-performance engines. Its exceptional suitability extends to vehicles with turbochargers and gasoline direct injection technology, ensuring superior lubrication and protection under challenging operating conditions.

Whether you drive a sedan, SUV, or commercial vehicle, FEIKEN PERFORM LUBE PLUS Fully Synthetic Engine Oil SAE 5W-30 gives your engine the reliability and performance it deserves.

## TYPICAL SPECIFICATION

Typical property characteristics are based on current production.

PROPERTY	UNIT	METHOD	SPECIFICATION
SAE Viscosity Grade	-	-	5W-30
Appearance	-	Visual	Bright & Clear
Colour	-	ASTM D1500	3
Density@15 °C	kg/l	ASTM D4052	0.854
Viscosity at 40°C	cSt	ASTM D445	53.69
Viscosity at 100°C	cSt	ASTM D445	10.10
Viscosity Index	-	ASTM D2270	179
Flash Point COC	°C	ASTM D92	Min 215
Total Base Number	mgKOH/g	ASTM D2896	8.08
Pour Point	°C	ASTM D97	-45
Cold Crank Vis@-30°C	cP	ASTM D5293	6470

**Note:** FEIKEN PERFORM LUBE PLUS Fully Synthetic Engine Oil SAE 5W-30 may be unsuitable for use in some engines, always consult owners' manual if in doubt.