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# MITASU OIL CORPORATION

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## MJ-P01. MITASU GOLD Plus SP 5W-30 ILSAC GF-6A 100% Synthetic

MITASU GOLD Plus SP 5W-30 ILSAC GF-6A 100% Synthetic is a modern fully synthetic low viscosity resource conserving motor oil. The product formula has been modified in response to the higher requirements of the latest generation gasoline engines and to meet the American Petroleum Institute (API) SP category and GF-6A quality standard developed by the International Lubricants Standardization and Approval Committee (ILSAC). The product exceeds General Motors dexos1 Gen 2 requirements.

### APPLICATION

MITASU GOLD Plus SP 5W-30 ILSAC GF-6A 100% Synthetic is designed for gasoline engines of passenger cars, minivans and SUVs with hybrid and traditional powertrains. It shows excellent properties in new generation turbocharged gasoline direct-injection engines (T-GDI), preventing the occurrence of low-speed pre-ignition (LSPI) and high-temperature deposit formation. At the same time, MITASU GOLD Plus SP 0W-20 ILSAC GF-6A 100% Synthetic offers a high level of wear protection not only in the newest, but also in more traditional powertrains due to ZDDP antiwear additive used in this product. It has high oxidation resistance. Recommended for all-season use.

*NB. To achieve maximum effect from this product, use it in new or low-mileage modern gasoline engines designed for low viscosity resource conserving and energy efficient oils.*

### SPECIFICATIONS / APPROVALS

- API SP
- ILSAC GF-6A
- Dexos 1 Gen 2



### APPLICATION BENEFITS

All-season fully synthetic engine oil MITASU GOLD Plus SP 5W-30 ILSAC GF-6A 100% Synthetic provides:

- Low Speed Pre-Ignition (LSPI) protection of new generation turbocharged gasoline direct-injection engines.
- Significantly higher timing chain protection from wear and stretching compared to oils of previous generation.
- Significantly higher oil resistance to high-temperature deposit formation and superior engine cleanliness.
- Improved fuel economy

The ZDDP anti-wear additive package delivers much less phosphorous on the face of the catalyst, significantly reducing the poisoning of the catalyst system.

The latest technologies of MITASU OIL CORPORATION, Japan and the most advanced ILSAC GF-6A standard enable MITASU GOLD Plus SP 5W-30 ILSAC GF-6A 100% Synthetic to exceed the requirements of such car manufacturers as: TOYOTA, LEXUS, NISSAN, INFINITI, HONDA, ACURA, MAZDA, SUZUKI, SUBARU, MITSUBISHI, DAIHATSU, CHRYSLER, CHEVROLET, HYUNDAI, KIA and others.

### TECHNICAL CHARACTERISTICS

Technical property	Method	Result
SAE viscosity grade	SAE J300	5W-30
Density at 15 [°C]	ASTM D-4052	0,8541
Flash point, [°C]	ASTM D-92	217
TBN [mg KOH/g]	ASTM D-2896	7,0
Pour point, [°C]	ASTM D-97	-39
Colour	ASTM D-1500	< 2,5
Viscosity index	ASTM D-2270	165
Kinematic viscosity at 40 °C [cSt]	ASTM D-445	52,75
Kinematic viscosity at 100 °C [cSt]	ASTM D-445	9,62
Viscosity HTHS [cP]	ASTM D-5481	3,05
Viscosity CCS [cP]	ASTM D-5293	4962
NOACK volatility [%]	ASTM D-5800	10,03
Zinc Mass [%]	-	0,085
Phosphorus Mass [%]	-	0,077
Sulphated Ash Mass [%]	-	unknown

Due to continual product research and development, the information contained herein is subject to change without notification.

