

ASTRON Galaxy Eco GMD-1 5W-30

High-performance low viscosity engine oil based on synthesis technology



Properties

ASTRON Galaxy Eco GMD-1 5W-30 is an ultra high performance engine oil. It is designed to meet the global gasoline engine specification of GM dexos1™ Gen 3.

ASTRON Galaxy Eco GMD-1 5W-30 has a new improved formulation to protect against damage caused by engine knocking in gasoline direct injection engines with and without turbocharging. The composition of the oil minimises the probability of early ignition (LSPI, Low Speed Pre-Ignition). Extended oil change intervals according to manufacturer's instructions. Extreme loads and high temperatures are safely mastered.

ASTRON Galaxy Eco GMD-1 5W-30 can be used under all operating conditions and contributes to the protection of the environment by reducing pollutant emissions.

Application notes

ASTRON Galaxy Eco GMD-1 5W-30 is recommended for year-round use in petrol, ethanol (up to E85), propane and natural gas engines.

ASTRON Galaxy Eco GMD-1 5W-30 can also be used for all older ILSAC and API performance classes including ILSAC GF-5, API SN and SN PLUS.

The product is not suitable for diesel engines.

Service description

Specifications:

- API SQ
- API SP (RC)
- ILSAC GF-7A
- ILSAC GF-5/GF-6A



Power in every molecule

ASTRON Galaxy Eco GMD-1 5W-30

Service description

Recommendations*:

- GM dexos1™ Gen 3
- GM 6094M
- Chrysler MS-6395
- Fiat 9.55535-CR1
- Ford WSS-M2C 929-A
- Ford WSS-M2C 946-A/B1
- Ford WSS-M2C 961-A
- VWC 53034
- Daihatsu
- Honda
- Kia
- Isuzu
- Lexus
- Mazda
- Nissan
- Subaru
- Suzuki
- Toyota
- Chery C-DM
- Geely
- Haval
- BYD
- Lifan
- JAC

| TYPICAL PARAMETERS | METHODS | UNITS | ASTRON Galaxy Eco GMD-1 5W-30 |
|----------------------------|--------------|----------|-------------------------------|
| Density at 15°C | DIN 51 757 | kg/m³ | 854 |
| Viscosity at 40°C | DIN 51 562 | mm²/s | 65.2 |
| Viscosity at 100°C | DIN 51 562 | mm²/s | 11 |
| Viscosity Index (VI) | DIN ISO 2909 | - | 160 |
| Dynamic viscosity at -30°C | ASTM D5293 | mPa.s | 6040 |
| Pour point | DIN ISO 3016 | °C | -42 |
| Flash point COC | DIN ISO 2592 | °C | 228 |
| Base number | DIN ISO 3771 | mg KOH/g | 6.8 |

* meets the requirements of the OEM manufacturer. The stated values may vary within the usual commercial range.

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Power in every molecule

