# ALPINE® DX1 5W-30

## High-performance low viscosity engine oil based on synthesis technology

### Properties

**ALPINE DX1 5W-30** is an ultra high performance engine oil. It is designed to exceed the global gasoline engine specification of GM dexos1™ Gen 2.
**ALPINE DX1 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.
**ALPINE DX1 5W-30** can be used under all operating conditions and contributes to the protection of the environment by reducing pollutant emissions.

### Application notes

**ALPINE DX1 5W-30** is recommended for year-round use in petrol, ethanol (up to E85), propane and natural gas engines.
**ALPINE DX1 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 SP
- ILSAC GF-6A

**Recommendations*:**
- GM dexos1™ Gen 2
- Chrysler MS-6395
- Ford WSS-M2C 946-A/-B1
- Ford WSS-M2C 961-A
- Honda, Hyundai, Kia, Mazda, Toyota

| TYPICAL PARAMETERS | METHODS | UNITS | ALPINE DX1 5W-30 |
|---|---|---|---|
| Density at 15°C | ASTM D4052 | kg/m³ | 845 |
| Viscosity at 40°C | ASTM D445 | mm²/s | 64.1 |
| Viscosity at 100°C | ASTM D445 | mm²/s | 11.3 |
| Viscosity Index (VI) | ASTM D2270 | - | 171 |
| Pour point | ASTM D5950 | °C | -45 |
| Flash point COC | ASTM D92 | °C | 224 |
| Base number | ASTM D2896 | mg KOH/g | 8.0 |
| Sulphated ash | ASTM D874 | weight.% | 0.94 |

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