# PROCESS HYBRID 0W-20

Technical data sheet

**Synthetic engine lubricant with low viscosity compatible with hybrid engines.**

## PERFORMANCES

### API SP:

The most restrictive level of API (American Petroleum Institute) standard for oils to meet the needs of new gasoline engine technologies: low speed pre-ignition (LSPI) and deposit formation.

### ILSAC GF-6A:

The ILSAC GF-6 specification is intended to protect newly designed engines that automotive equipment manufacturers produce to comply with emissions and fuel efficiency laws. The standard will ensure that approved oils provide superior protection and increased efficiency for engines.

## ADVANTAGES

**PROCESS HYBRID** helps to reduce fuel consumption and $CO_2$ emissions, thus contributing to environmental protection.

The low viscosity of **PROCESS HYBRID** optimises lubrication at low temperatures, which facilitates cold starting and reduces wear.

Highly compatible with hybrid engines from North American and Asian manufacturers.



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**PHYSICO-CHEMICAL PROPERTIES**

| Characteristics | Standards | Unit | Values |
|---|---|---|---|
| Specific gravity at 15°C | ASTM D4052 | g/cm$^3$ | 0.842 |
| Cinematic viscosity at 40°C | ASTM D7042 | mm²/s | 44 |
| Cinematic viscosity at 100°C | ASTM D7042 | mm²/s | 8.4 |
| Viscosity Index | | | 172 |
| HTHS | ASTM D4683 | mPa.s | 2.60 |
| TBN | ASTM D2896 | mgKOH/g | 7.1 |
| Pour point | ASTM D97 | °C | -44 |
| Flash point | ASTM D92 | °C | 228 |

*Characteristics are given for information only and correspond with our manufacturing standards. IGOL reserves the right to modify them to provide its customers with the benefits of technical progress. Before using this product read the instructions for use and the environmental impacts mentioned in the technical and safety data sheets. The information given above is based on the current level of knowledge relative to the product concerned. The product user should take all useful precautions relative to its use. IGOL can in no circumstances be held responsible for damage resulting from incorrect use.*

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