

# HYBRID HBD

Hybrid HC synthetic fuel-saving smooth-running engine oil 0W16

## Description:

**HYBRID HBD** was specially developed for all types of vehicles with hybrid technology.

This engine oil guarantees optimal protection of the engine in all operational phases.

It is suitable for all vehicle types for which this viscosity level is specified. This also includes supercharged high-performance engines with multi-valve technology and fuel injection in passenger cars and light commercial vehicles.

**HYBRID HBD** is not suitable for diesel engines.

## Properties

- Extrem wear protection
- Excellent viscosity temperature behaviour
- Quick oil feed of critical lubricating points
- Considerable wear reduction on cylinder and camshaft
- High oxidation and temperature stability
- Low volatilization loss
- Very high cleaning capability
- Stable oil film at all operating temperatures

## Effects

- Reduces fuel consumption at full and partial loading
- Reduces emissions of particles and CO<sub>2</sub>, is good for the environment
- Excellent cold starting behaviour
- Very good operating reliability
- Optimal engine cleanliness
- Very low oil consumption
- High margin of performance and high product stability
- All-year operation

## Suitable for/ we recommend this product for

|                                |                |
|--------------------------------|----------------|
| SAE                            | 0W-16          |
| API                            | SP (RC)        |
| ILSAC                          | GF-6B          |
| We recommend this product for: |                |
| HONDA                          | HYBRID-MOTOREN |
| LEXUS                          | MITSUBISHI     |
| NISSAN                         | TOYOTA         |

## Utilization

- High-performance and normal four-stroke petrol engines
- with multivalve-technology
- with fuel injection
- with turbo charging
- with catalyst technology
- Hybrid vehicles

## Disposal:

- **HYBRID HBD** is assigned to category 1 of used oils and thus is free for disposal.

## Miscibility:

- **HYBRID HBD** is fully compatible with conventional HD oils and can be mixed if necessary. In orderable to fully utilise the advantages of **HYBRID HBD**, however, the use of **HYBRID HBD** is worth recommending.

## HYBRID HBD

| Article No. | Packaging unit |        |
|-------------|----------------|--------|
| 1209 372    | Can            | 1 L    |
| 1209 373    | Can            | 4 L    |
| 1209 374    | Can            | 5 L    |
| 1209 375    | Can            | 20 L   |
| 1209 376    | Drum           | 60 L   |
| 1209 378    | Drum           | 200 L  |
| 1249 379    | PE-Container   | 1000 L |

## Typical characteristics:

|                            |                    |      |
|----------------------------|--------------------|------|
| Specific weight at 15°C    | kg/m <sup>3</sup>  | 846  |
| Dynamic viscosity at -35°C | mPa.s              | 5070 |
| Viscosity at 40°C          | mm <sup>2</sup> /s | 35,8 |
| Viscosity at 100°C         | mm <sup>2</sup> /s | 7,0  |
| Viscosity index            |                    | 161  |
| Flash point COC            | °C                 | 226  |
| Pourpoint                  | °C                 | -45  |
| TBN                        | mgKOH/g            | 7,4  |

Data are subject to change.

Attention: Service instructions should be observed!

DV/MO/PKW/-  
10/2022