



# HYTRONIC HBD

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

## Description:

**HYTRONIC 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.

**HYTRONIC 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:

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

## Miscibility:

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

| HYTRONIC HBD |                |        |
|--------------|----------------|--------|
| Article No.  | Packaging unit |        |
| 309 372      | Can            | 1 L    |
| 309 373      | Can            | 4 L    |
| 309 374      | Can            | 5 L    |
| 309 375      | Can            | 20 L   |
| 309 376      | Drum           | 60 L   |
| 309 378      | Drum           | 200 L  |
| 349 379      | 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  |