



PETRONAS

# Technical Data Sheet

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## PETRONAS Syntium 5000

### DM 5W-30

#### APPLICATIONS

Mid SAPS engine oil that is suitable for all types of passenger cars such as Mercedes-Benz including gasoline, diesel engines (equipped with after treatment exhaust system) and latest high performance cars, SUVs and light vans fitted with fuel injections, multi-valves, turbochargers or superchargers operating under most severe conditions. It is also suitable for vehicles running on biofuels.

Note: Always consult your owner's manual to check recommended viscosity grade and specifications for your particular vehicle.

#### SPECIFICATIONS & APPROVALS\*

|   |                             |
|---|-----------------------------|
| Meets or Exceeds the requirements of:               | API SN, ACEA C3 / C2        |
| Has the following builder approvals:                | MB-Approval 229.52          |
|   | MB-Approval 229.51          |
|   | Dexos 2                     |
|   | Renault RN0700              |
| Meets or Exceed the following builder requirements: | BMW Longlife-04             |
|   | PSA B71 2290                |
|   | VW 502 00 / 505 00 / 505 01 |

\* All technical data is provided for reference only.

#### TYPICAL PHYSICAL DATA\*\*

| Parameters                      | Method      | Unit              | Typical Value |
|---------------------------------|-------------|-------------------|---------------|
| Appearance                      | -           | -                 | B&C           |
| Density 15 <sup>o</sup> C       | ASTM D 4052 | g/cm <sup>3</sup> | 0.852         |
| Viscosity at 100 <sup>o</sup> C | ASTM D 445  | cSt               | 11.5          |
| Viscosity Index                 | ASTM D 2270 | -                 | 167           |
| Flash Point Cl. O. C            | ASTM D 92   | <sup>o</sup> C    | 192           |
| TBN                             | ASTM D 2896 | mg KOH/g          | 7.8           |
| Pour Point                      | ASTM D 97   | <sup>o</sup> C    | <-36          |
| Foam at 24 <sup>o</sup> C       | ASTM D 892  | cc/s              | Traces/0      |

\*\* These characteristics are typical of current production. Whilst future production will conform to PLI's specification, variations in these characteristics may occur.

#### FEATURES & BENEFITS

- Excellent protection to after treatment exhaust systems for Mercedes engines.
- Superior engine deposits and wear reduction, hence delivering maximized engine responsiveness.
- Excellent thermal stability, able to protect against high temperature induced sludge and varnish for ultimate engine power and engine cleanliness.
- Fuel economy.
- Longer oil drain capability up to maximum specified by manufacturer.
- Instant start-up lubrication.

#### OIL TYPE

- Synthetic

## **Health, Safety and Environment**

This product is unlikely to present any significant health and safety hazards when used in the recommended application. Avoid contact with skin. Wash immediately with soap and water after skin contact. Do not discharge into drains, soil or water.

For further detail regarding storage, safe handling, and disposal of product, please refer to product SDS or contact us at: [www.pli-petronas.com](http://www.pli-petronas.com)

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