## Product information

## 10W30 SL

This modern universal fuel economy motor oil is produced with high quality solvent refined and synthetic base oils that have a natural high viscosity index, to which a well balanced choice of additives are added to obtain the following properties:

- a lower fuel consumption
- a high and stable viscosity index
- a fast cold start
- a strong resistance against oxidation
- a safe lubrication film at high temperature
- a good detergency and dispersion
- a strong protection against wear, corrosion and foaming

This universal fuel economy motor oil is recommended for use in petrol- and diesel engines, with or without turbo-charging, in passenger cars and delivery vans.

## Performance level:

ACEA A3/B3
API SL/CF
MB 229.1

## Typical

Characteristics

| 10 W 30 SL |  |  |
| :---: | :---: | :---: |
| Property | Unit | Typical <br> Values |
| Density at $\mathbf{1 5}{ }^{\circ} \mathrm{C}$ | $\mathrm{kg} / \mathrm{l}$ | 0.871 |
| Viscosity $-\mathbf{1 5}{ }^{\circ} \mathrm{C}$ | $\mathrm{mPa} . \mathrm{s}$ | 5900 |
| Viscosity $\mathbf{4 0}{ }^{\circ} \mathrm{C}$ | $\mathrm{mm}{ }^{2} / \mathrm{s}$ | 77 |
| Viscosity $100{ }^{\circ} \mathrm{C}$ | $\mathrm{mm}^{2} / \mathrm{s}$ | 12.2 |
| Viscosity Index |  | 153 |
| Flash Point COC | ${ }^{\circ} \mathrm{C}$ | 218 |
| Pour Point | ${ }^{\circ} \mathrm{C}$ | -36 |
| Total Base | $\mathrm{mgKOH} / \mathrm{g}$ | 8 |
| Number | 8 |  |
| Sulphate Ash | $\%$ | 1.02 |

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[^0]:    The data mentioned in this product information sheet are meant to enable the reader to orient himself about the properties and possible applications of our products. Although this overview is composed with al possible carefulness on the stated date, the composer does not accept any liability for damages caused by incompleteness and/or inaccuracies in this information, especially when these are caused by obviou typing errors. The terms of delivery of the supplier apply to all product supplies. The reader is advised, especially for critical applications, to make the final product-choice in consultation with the supplier. Due to continual product research and development, the information contained herein is subject to changes without notification.
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