**Product Data Sheet**
*Revised: 2022/06/13 (version 1.0)*

# Oleoblitz PULSAR M 20W-50

## Description and Applications

Oleoblitz PULSAR M 20W-50 is a mineral based lubricant for gasoline and diesel engines of every brand and power rating.Its specific viscosity protects the engine against the thermal stress caused by high temperatures of use.Ideal for engines with high specific power.

## Approvals, Specifications and Recommendations

### Specifications:

- ACEA A3/B3
- API SL

### Performance Level:

- MB 229.1

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

## Typical Physical Data

| Parameters | Method | Unit | Typical Value |
|---|---|---|---|
| **Appearance** | **-** | **-** | Clear |
| **Density @15°C** | ASTM D 4052 | g/cm$^3$ | 0.878 |
| **Kinematic Viscosity @100°C** | ASTM D 445 | mm$^2$/s (cSt) | 18.6 |
| **Viscosity Index** | ASTM D 2270 | - | 122 |
| **Pour Point** | ASTM D 97 | ˚C | -33 |
| **TBN** | ASTM D2896 | mg KOH/g | 8.4 |
| **Flash Point COC** | ASTM D 92 | ˚C | 258 |

All technical data are provided for reference only. These characteristics are typical of current production. Whilst future production will conform to PLI's specification, variations in these characteristics may occur.

**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 refers to product SDS or contact us at: www.pli-petronas.com

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Code: 70770