

Oleoblitz PULSAR F PROGRESS

5W-30

Description and Applications

Oleoblitz Pulsar F Progress 5W-30 is a synthetic technology lubricant, designed for passenger cars using direct injection turbocharged gasoline engines and diesel engines where manufacturer recommends API SN/CF, ACEA C3 specifications (please refer to the owner's manual).

It is also suitable for SUVs and vehicles running on biofuels and equipped with after treatment exhaust system and emission control devices such as DPF and catalytic converters, fuel injectors, multi-valves, turbochargers.

Approvals, Specifications and Recommendations

Specifications:

- ACEA C3
- API SP/CF

Performance Level:

- MB 229.51
- VW 504.00/507.00
- BMW LL-04

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	-	-	Bright & Clear
Density @15°C	ASTM D 4052	g/cm ³	0.849
Kinematic Viscosity @100°C	ASTM D 445	mm ² /s (cSt)	12.0
Viscosity Index	ASTM D 2270	-	173
Flash Point COC	ASTM D 92	°C	220
Sulphated Ash	ASTM D 874	%	0.7
TBN	ASTM D 2896	mgKOH/g	8.3
CCS at -30°C	ASTM D5293	mPa-s	5283
Pour Point	ASTM D97	°C	-42

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 refer to product SDS.

Important Note

The word PETRONAS, the PETRONAS logo and such other related trademarks and/or marks used herein are trademarks or registered trademarks of PETRONAS Lubricants International Sdn. Bhd. ("PLISB"), or its subsidiaries or related Holding Corporation under license unless indicated otherwise. The PLI Documents and the information contained herein is believed to be accurate as of the date of printing. PLISB makes no express or implied representation or warranties as to its accuracy or completeness or information in or any transaction performed. The PLI Documents information provided is based on standard tests under laboratory conditions and is given only as a guide. Users are advised to ensure that they refer to the latest version of these PLI Documents. It is the responsibility of the users to evaluate and use products safely, to assess suitability for the intended application and to comply with all applicable laws and regulations imposed by the respective local authorities.

Safety Data Sheets are available for all our products and should be only be consulted for appropriate information regarding storage, safe handling and disposal of the product. No responsibility shall be taken by either PLISB or its subsidiaries and related holding corporation for any loss or injury or any direct, indirect, special, exemplary, consequential damages or any damages whatsoever, whether in action of contract, negligence or other tortuous action, in connection or resulting from abnormal use of the materials and/or information, from any failure to adhere to recommendations, or from hazards inherent in the nature of the materials and/or information. All products, services and information supplied are under our standard conditions of sale. Please consult with any of our local representative in the event you require any further information.

Code: 70659

