

# Technical Data Sheet

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PETRONAS

## COG04 ART50 PREMIX

### Description and Applications

COG04 ART50 PREMIX already mixed with 50% of water is a ready-to-use product for used as a cooling and heat transferring fluid in combustion engines. Excessive heat is transferred via the fluid to the radiator where the mixture is cooled by means of airflow.

COG04 ART50 PREMIX is an ethylene glycol based fluid that provides maintenance-free protection against freezing and boiling but also against corrosion.

Extended coolant life is obtained through the use of virtually non-depleting corrosion inhibitors.

### Approvals, Specifications and Recommendations

#### Specifications:

- ASTM D6210 Type 3-FF
- ASTM D3306 Type 3

#### Approvals:

- Iveco Standard 18-1830 Class 2-EHA

### Typical Physical Data

Parameters	Method	Unit	Typical Value
Colour	-	-	Orange
Water content	ASTM D1123	%	Max 50%
Freezing point	ASTM D1177	°C	-40°C
Density, 20°C	ASTM D5931	g/cm <sup>3</sup>	1,068
Reserve alkalinity (pH 5.5)	ASTM D1121	mL	3,0
pH, 20°C	ASTM D1287	-	8,6
Refractive Index, 20°C	ASTM D1218	-	1.385
Nitrite, amine, phosphate, borate, silicate	-	-	Absent

All technical data is 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.

All information contained in this Product Data Sheet, including but not limited to text or graphic material, is accurate to the best of our knowledge at the date of issue specified. It supersedes all previous editions and information contained in them. Information is subject to change without notice.

#### 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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