

## PURUS® HEAVY DUTY EXTENDED LIFE 50/50 PREDILUTED ANTIFREEZE/COOLANT

Manufactured with virgin base products

**DESCRIPTION:** **PURUS® Heavy Duty Extended Life 50/50 Prediluted Antifreeze/Coolant** is intended for use and compatible with ANY Extended Life heavy duty coolant/antifreeze in ANY diesel powered commercial vehicle or stationary engine with aluminum and other engine metals. It's technologically advanced formulation and TMC compliant color is based on a concentrated blend of premium long-lasting inhibitors designed to provide up to 600,000 miles or 12,000 hours\* of protection against temperature extremes, rust, corrosion, scale, and premature water pump failure.

\*Provides extended life protection when added to any ELC heavy duty coolant/antifreeze or when flushed and filled according to the directions in vehicle manufacturer's owner's manual. Is compatible with other ELC and conventional heavy duty coolants (Dilution with conventional coolants will dilute extended life benefits). One time use of ELC Extender at 300,000 miles or 6,000 hours is required. Always consult owner's manual to determine specific maintenance, change over intervals, and Extender/SCA treat rate for your vehicle.

- PRODUCT SPECIFICATIONS:** When used as directed, **PURUS® Heavy Duty Extended Life 50/50 Prediluted Antifreeze/Coolant:**
- Meets or exceeds performance requirements of the major manufacturers and the following specifications. TMC RP-329, ASTM D6210, ASTM D4985, ASTM D3306 and SAE J1941
  - May be added to the coolant/antifreeze of ANY diesel powered truck, farm, off-road, marine, or stationary engine with aluminum and other engine metals
  - Meets performance requirements of CAT EC-1
  - Prevents freeze-ups, overheating, and boilovers
  - Protects aluminum and other engine metals while providing a silicate, phosphate, and borate-free formulation for long-lasting inhibition and corrosion protection

|  |             | <b>Typical Values*</b>                |
|--|-------------|---------------------------------------|
| Ethylene Glycol and Inhibitors           |             | 51%                                   |
| Total Water                              |             | 49%                                   |
| Dyes                                     |             | Trace                                 |
| <b>Properties</b>                        |             |                                       |
| Color                                    |             | Red                                   |
| Odor                                     |             | Characteristic                        |
| Ash Content                              | ASTM D1119  | 0.71% by weight                       |
| pH                                       | ASTM D1287  | 8.7                                   |
| 50% by Volume Solution                   |             | 4.4                                   |
| Reserve Alkalinity                       | ASTM D1121  |                                       |
| Specific Gravity at 20/20°C              | ASTM D1122  | 1.0714                                |
| 50% by Volume Solution                   |             |                                       |
| Freezing Point                           | ASTMA D1177 | -34°F (-37°C)                         |
| 50% by Volume Solution                   |             |                                       |
| Boiling Point *                          | ASTM D1120  | 226°F (108°C)                         |
| 50% by Volume Solution                   |             |                                       |
| Flash Point (Tag Open Cup)               |             | None                                  |
| 70% by Volume Solution                   |             |                                       |
| Foam Test                                | ASTM D1881  | 30 ml max, 1 second<br>max break time |
| Average Net Weight/Gallon at 68°F (20°C) |             | 8.9 lbs.                              |
| * Under standard pressure                |             |                                       |



Commitment To Quality

Updated 03/2016

## PURUS<sup>®</sup> HEAVY DUTY EXTENDED LIFE 50/50 PREDILUTED ANTIFREEZE/COOLANT

Manufactured with virgin base products

\* Due to continual product research and development, the information contained herein is based on products purchased in the U.S. and subject to change without notification. Typical properties may vary slightly.

This data sheet and the information it contains is believed to be accurate as of the date of printing. However, no warranty or representation, express or implied, is made as to its accuracy or completeness. Data provided is based on standard tests under laboratory conditions and is given as a guide only. Users are advised to ensure that they refer to the latest version of this data sheet. It is the responsibility of the user to evaluate and use products safely, to assess suitability for the intended application and to comply with all applicable laws and regulations. Safety Data Sheets are available for all of our products and should be consulted for appropriate information regarding storage, safe handling, and disposal of the product. No responsibility is taken by either AIOD or its affiliates for any damage or injury resulting from abnormal use of the material, from any failure to adhere to recommendations, or from hazards inherent in the nature of the material. All products, services and information supplied are provided under our standard conditions of sale. You should consult your local AIOD Distributor if you require any further information.

