

PACIFIC OPERATIONS GASOLINE PIPELINE PRODUCT CODES

| Product Group | Gasoline |
|---------------|---|
| A | CARBOB Regular Octane |
| B | CARBOB Premium Octane |
| C | Spare |
| E | Retired |
| F | Retired |
| G | Retired |
| H | Regular Grade Conventional Gasoline - Arizona, Nevada |
| I | Reserved |
| J | Retired |
| K | Spare |
| L | Premium Grade Conventional Gasoline - Oregon |
| M | Regular Grade Conventional Gasoline – Oregon |
| O | Reserved |
| P | Premium Grade Conventional Gasoline- Arizona, Nevada |
| Q | Reserved |
| S | Mexico - Regular |
| T | Mexico - Premium |
| U | Spare |
| V | Spare |
| W | Retired |
| X | Cleaner Burning Gasolines - Arizona – Regular Grade |
| Y | Retired |
| Z | Cleaner Burning Gasolines - Arizona – Premium Grade |

Effective 8/30/2020 - In addition to the individual product specifications published in this manual, all products offered for transportation shall: be free from water and other impurities; have a color not darker than No. 3 ASTM; have vapor pressure not more than 15 pounds absolute at 100 degrees Fahrenheit; have an API gravity greater than 25 API Degrees and less than 80 API Degrees at 60 degrees Fahrenheit; have a temperature less than 100 degrees Fahrenheit; a Viscosity less than 4.3 centistokes at 100 degrees Fahrenheit.

Gasolines transported under these codes do not contain detergent additives. Gasolines transported are base gasoline not for sale to the ultimate consumer.

Gasolines transported are suitable for use with additives certified under the “National Generic” option (40 CFR Part 80.164).

Heavy Metals prohibited

PACIFIC OPERATIONS GASOLINE PIPELINE PRODUCT CODES

| <u>Code</u> | <u>Product</u> |
|-------------|--|
| A1 | 5.99 RVP CARBOB Regular (1) |
| A2 | 10.5 RVP CARBOB Regular (1) |
| A3 | 12.5 RVP CARBOB Regular (1) |
| A4 | 14.0 RVP CARBOB Regular (1) |
| B1 | 5.99 RVP CARBOB Premium (1) |
| B2 | 10.5 RVP CARBOB Premium (1) |
| B3 | 12.5 RVP CARBOB Premium (1) |
| B4 | 14.0 RVP CARBOB Premium (1) |
| H1 | 8.0 RVP Regular Grade gasoline (AZ/NV) |
| H2 | 7.8 RVP Regular Grade gasoline (AZ/NV) |
| H3 | 10.5 RVP Regular Grade gasoline (AZ/NV) |
| H4 | 14.0 RVP Regular Grade gasoline (AZ/NV) |
| H5 | 12.5 RVP Regular Grade gasoline (AZ/NV) |
| H6 | 10.0 RVP Regular Grade gasoline (AZ/NV) |
| H7 | 11.5 RVP Regular Grade gasoline (AZ/NV) |
| H8 | 13.5 RVP Regular Grade gasoline (AZ/NV) |
| H9 | 9.0 RVP Regular Grade gasoline (AZ/NV) |
| HA | 15.0 RVP Regular Grade gasoline (NV) |
| L6 | 9.0 RVP Premium Grade (Oregon) |
| L7 | 11.5 RVP Premium Grade (Oregon) |
| L8 | 13.5 RVP Premium Grade (Oregon) |
| L9 | 15.0 RVP Premium Grade (Oregon) |
| M5 | 9.0 RVP Regular Grade gasoline (Oregon) |
| M7 | 11.5 RVP Regular Grade gasoline (Oregon) |
| M8 | 13.5 RVP Regular Grade gasoline (Oregon) |
| M9 | 15.0 RVP Regular Grade gasoline (Oregon) |

- (1) This product does not meet the standards for CARB gasoline without the addition of oxygenate. This product intended for blending with 10% ethanol.

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PACIFIC OPERATIONS GASOLINE PIPELINE PRODUCT CODES

| <u>Code</u> | <u>Product</u> |
|-------------|--|
| P1 | 8.0 RVP Premium Grade (AZ/NV) |
| P2 | 7.8 RVP Premium Grade (AZ/NV) |
| P3 | 10.5 RVP Premium Grade (AZ/NV) |
| P4 | 14.0 RVP Premium Grade (AZ/NV) |
| P5 | 12.5 RVP Premium Grade (AZ/NV) |
| P6 | 10.0 RVP Premium Grade (AZ/NV) |
| P7 | 11.5 RVP Premium Grade (AZ/NV) |
| P8 | 13.5 RVP Premium Grade (AZ/NV) |
| P9 | 9.0 RVP Premium Grade (AZ/NV) |
| PA | 15.0 RVP Premium Grade (NV) |
| | |
| SA | 9.0 RVP Mex SUB Regular (MX)* |
| SB | 10.0 RVP Mex SUB Regular (MX)* |
| SC | 11.5 RVP Mex SUB Regular (MX)* |
| | |
| SX | 9.0 RVP Mex 87 Regular (MX)* |
| SY | 10.0 RVP Mex 87 Regular (MX)* |
| SZ | 11.5 RVP Mex 87 Regular (MX)* |
| | |
| TA | 9.0 RVP Mex SUB Premium (MX)* |
| TB | 10.0 RVP Mex SUB Premium (MX)* |
| TC | 11.5 RVP Mex SUB Premium (MX)* |
| | |
| TX | 9.0 RVP Mex 91 Premium (MX)* |
| TY | 10.0 RVP Mex 91 Premium (MX)* |
| TZ | 11.5 RVP Mex 91 Premium (MX)* |
| | |
| X6 | 8.0 RVP Arizona – AZRBOB Regular (Arizona) (2) |
| X9 | 5.7 RVP Arizona – AZRBOB Regular (Arizona) (2) |
| | |
| Z6 | 8.0 RVP Arizona – AZRBOB Premium (Arizona) (2) |
| Z9 | 5.7 RVP Arizona – AZRBOB Premium (Arizona) (2) |

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* Shipped on East 300 Line Only.

(2) AZRBOB does not comply with the standards for Arizona CBG without the addition of oxygenate. This AZRBOB intended for blending with 10 vol% ethanol.

Gasolines transported under these codes do not contain detergent additives. Gasolines transported are base gasoline not for sale to the ultimate consumer.

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