



VP UV FUELS

PRO-GRADE INDUSTRIAL DRONE FUELS

VP Racing Fuels® is best known as the World Leader in Fuel Technology®, fueling champions in virtually every form of motorsport on land, sea, and air since 1975. VP is based in the U.S., with manufacturing operations in Texas and Tennessee with worldwide distribution.

VP has applied its 45 years of specialty fuel technology to develop a new, improved line of UAV fuels with superior performance for commercial, municipal, and military applications. These fuels are in production and ready for immediate shipment. If VP does not currently offer a fuel that meets your needs, our in-house lab will develop a fuel to your specifications.

FUELS OVERVIEW

- Formulated with superior anti-knock properties
- Ethanol-free to protect sensitive fuel system components from corrosion and wear
- Premium additive packages for minimal deposit formation, ring sticking, exhaust port coking
- Designed to lengthen the time between service intervals to keep assets in the air
- Fuel is consistent from batch to batch for greater reliability and performance
- Packaged to fit your storage and usage needs – 5-gallon pails to ISO tanks to railcars





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PRO-GRADE INDUSTRIAL UV FUEL CHART

| NAME | FUEL | RVP* | (R+M)/2* | DENSITY* | FLASH* | COMMENTS |
|----------------------------------------------|--------------|----------------|----------|-------------------------|------------------|----------------------------------------------------------------------------------------------------------------|
| JET/HEAVY FUEL | UMAN-HF | < 7 kPa/ 1 psi | N/A | 0.766g/cm ³ | > 60 °C / 140 °F | Similar to JP-5 |
| | UMAN-HFA | < 7 kPa/ 1 psi | N/A | 0.806g/cm ³ | > 60 °C / 140 °F | Similar to JP-5 |
| UNLEADED FUELS (CAGE CODE: 6J2X5) | UMAN-HV | 48 kPa/ 7 psi | 97 | 0.723 g/cm ³ | < 60 °C / 140 °F | Great for cold weather applications; non-oxygenated; no metal compounds; best-in-class detergent additives |
| | UMAN-HV 50:1 | 48 kPa/ 7 psi | 97 | 0.725 g/cm ³ | < 60 °C / 140 °F | Premixed Formula |
| | UMAN-LV | 28 kPa/ 4 psi | 100 | 0.765 g/cm ³ | < 60 °C / 140 °F | Great for most weather applications; excellent long-storage fuel capability; best-in-class detergent additives |
| | UMAN-LV 50:1 | 28 kPa/ 4 psi | 100 | 0.768 g/cm ³ | < 60 °C / 140 °F | Premixed Formula |

*Typical Values

Fuel Blending Services

- Technical consulting to support UV engine design (e.g. knock performance tuning, optimal operating temperatures, durability testing) and fuel strategies (e.g. flash point, stability, deposit formation characteristics) such as JP-5 specifications developed by the U.S. Navy
- Formulation and testing of custom fuel/oil/additive blends, including reference fuels
- Large scale production and global delivery of custom fuel/oil blends (VP fuel + VP oil, or VP fuel + third party oil)

VP's blending expertise includes precise formulation use of additives to enhance performance and reliability:

- Lubricity improvers
- Corrosion inhibitors
- Metal deactivators
- Conductivity improvers
- Detergents
- Etc.

2-Stroke Oil

- Full-synthetic, JASO FD certified
- Industry-leading performance with a high detergency formula
- Advanced fuel stabilizers
- Best in class according to CRC test ratings.

Delivery Options

- Delivered where you need – including international distribution



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