



Jet-Tech Fuel-Lab using VP MS93 fuel & Rotax XPS 'Kart-Tec' Oil



Copyright © 2012 Jet-Tech Motorsport

1. Open Jet-Tech Fuel-Lab. Select option 2 in the **Fuel Lab Calculations** box to the right.
2. From the list to the left, scroll down to find the VP MotorSport (MS) 93 fuel.
3. Note the SG (0.76 @ 60°F) and enter this value in the **Fuel Specification** to the right. Note that the correct temperature should be selected and the **SG -g/ml** option is checked

Jet-Tech fuel lab

SV-05 - SG: 0.745 @ 15C
SV-05 - SG: 0.745 @ 15C
M8-1 - SG: 0.739 @ 15°C
MotorSport 93 - SG: 0.76 @ 60°F
MotorSport 100 - SG: 0.746 @ 60°F
MotorSport 101 - SG: 0.800 @ 60°F
MotorSport 103 - SG: 0.743 @ 60°F
MotorSport 109 - SG: 0.722 @ 60°F

Fuel Lab - Calculation Options

- 1 Use the Fuel and 2 Stroke Oil Specification Data, together with Fuel/Oil Ratio, to determine the Fuel/Oil Ratio corrected Fuel Mixture Density
- 2
- 3

Fuel Specification

Scale
 API - degrees SG - g/ml

SG 0.760 @ 60°F

Oil SG 0.873 @ Fuel/Oil Ratio 50:1

Fuel/Oil Ratio Corrected SG 0.7623

Copyright © 2001-2011

? Notes Diaphragm Carbs Goto Jet Calculator

4. Scroll down the list to '2 Stroke Oils' to find the Rotax Kart Oil (this is the correct description of Rotax XPS)
5. Note the SG (0.873 @ 60°F) and enter this value in the **Oil SG** box below.
6. Enter the **Fuel/Oil Ratio** that you are using and then click on **Goto Jet Calculator**. This will save the selection to the SetUp database that you have currently selected in the main Dell'Orto Jetting screen.

Jet-Tech fuel lab

M1 Methanol - SG: 0.795 @ 60°F
M5 Methanol - SG: 0.816 @ 60°F
2 Stroke Oils
Rotax Kart Semi-Synthetic 2-T Premix Oil - SG: 0.8735 at 15.6°C (60.0°F)
Red Line - 2 Stroke Racing Oil - SG: 0.910 @ 60°F
Red Line - 2 Stroke Alcohol Pre-Mix - SG: 0.930 @ 60°F
Red Line - 2 Stroke Snowmobile Oil - SG: 0.890 @ 60°F
Red Line - 2 Stroke Watercraft Oil - SG: 0.890 @ 60°F

Fuel Lab - Calculation Options

- 1 Use the Fuel and 2 Stroke Oil Specification Data, together with Fuel/Oil Ratio, to determine the Fuel/Oil Ratio corrected Fuel Mixture Density
- 2
- 3

Fuel Specification

Scale
 API - degrees SG - g/ml

SG 0.760 @ 60°F

Oil SG 0.873 @ Fuel/Oil Ratio 50:1

Fuel/Oil Ratio Corrected SG 0.7623

Copyright © 2001-2011

? Notes Diaphragm Carbs Goto Jet Calculator

For further details and to access the **Help** page for Jet-Tech Fuel-Lab, open Jet-Tech Fuel-Lab and then click on the '?' at the bottom of the screen (or press 'F1' on your computer keyboard).