

# Technical Data Sheet

## HarvestOI® 12

### GENERAL DESCRIPTION

HarvestOI® 12 is a highly refined spray oil that provides effective protection against plant diseases and pests. HarvestOI® 12 is a safe mineral oil exhibiting low acute toxicity.

HarvestOI® 12 may be used to combat banana and plantain diseases, such as Yellow and Black Sigatoka. HarvestOI® 12 may be applied in pure form or in emulsion formulations – which can contain emulsifier, registered fungicides, and other ingredients mixed with the spray oil.

### APPLICATION

HarvestOI® 12 can be used on a variety of export crops such as Bananas, Plantains, Grapes, Soy, Mangoes, Citruses, and Avocados, among many others. HarvestOI® 12 may be applied in pure form or in emulsion formulations which have water, emulsifiers, registered fungicides, and other ingredients mixed with the spray oil.

### TYPICAL PROPERTIES

#### HARVESTOL® 12

<i>PROPERTIES</i>	<i>ASTM METHOD</i>	<i>MIN.</i>	<i>MAX.</i>	<i>TYPICAL VALUES</i>
<i>SPECIFIC GRAVITY @ 60°F</i>	<i>D 4052</i>	<i>0.840</i>	<i>0.870</i>	<i>0.855</i>
<i>API GRAVITY @ 60°F</i>	<i>D 4052</i>	<i>32</i>	<i>36</i>	<i>34</i>
<i>COLOR</i>	<i>D 1500</i>	<i>--</i>	<i>0.5</i>	<i>&lt;0.5</i>
<i>VISCOSITY, CST @ 40°C</i>	<i>D 445</i>	<i>10.0</i>	<i>14.0</i>	<i>13.0</i>
<i>VISCOSITY, CST @ 100°C</i>	<i>D 445</i>	<i>2.5</i>	<i>3.2</i>	<i>3.0</i>
<i>VISCOSITY, SUS @ 100°F</i>	<i>D 2161</i>	<i>60</i>	<i>80</i>	<i>75</i>
<i>VISCOSITY INDEX</i>	<i>D 2270</i>	<i>69</i>	<i>92</i>	<i>86</i>
<i>FLASH POINT, °C</i>	<i>D 92</i>	<i>155</i>	<i>--</i>	<i>178</i>
<i>POUR POINT, °C</i>	<i>D 5950</i>	<i>--</i>	<i>-27</i>	<i>-30</i>
<i>AROMATICS WT%</i>	<i>HPLC</i>		<i>1</i>	<i>PASS</i>
<i>SULFATED ASH WT%</i>	<i>D 482</i>		<i>0.001</i>	<i>PASS</i>
<i>UNSULFONATED MINERAL RESIDUE %</i>	<i>D 483</i>	<i>99.0</i>		<i>PASS</i>

Note: Values shown here represent approximate specification limits and typical values.

