

# WHITE BROTHERS

## Oil Levels/Volumes for White Brothers Forks

(Revised 11/11/2007)

(Revised 08/01/2012)

(Revised 01/16/2013)

<b>Model Volume</b>	<b>Oil Volume to have available</b>	<b>Oil Level/Setting for Floating Piston/Exact</b>
<b>Fluid 120 (old) DT 1.2</b>	8 fluid oz / 237 ml	44 mm from top of piston to air end of stanchion (end which receives air cap with schrader valve)
<b>Fluid 120</b>	8 fluid oz / 237 ml	Oil level set by volume of exactly 6 fluid oz (177 ml)
<b>Fluid 29 130</b>	8 fluid oz / 237 ml	105 mm from top of floating piston to air end of stanchion
<b>Fluid 140 (old)</b>	8 fluid oz / 237 ml	105 mm from top of floating piston to air end of stanchion
<b>Fluid 140</b>	8 fluid oz / 237 ml	Oil level set by volume of exactly 6.5 fluid oz (192 ml)
<b>Groove Race (old)</b>	8 fluid oz / 237 ml	205 mm from top of floating piston to air end of stanchion
<b>Groove Race</b>	10 fluid oz / 296 ml	Oil level set by volume of exactly 9 fluid oz (266 ml)
<b>FR 150</b>	8 fluid oz / 237 ml	205 mm from top of floating piston to air end of stanchion
<b>Groove 200</b>	12 fluid oz / 355 ml	floating piston pushed to bottom of reservoir canister
<b>Groove 180</b>	12 fluid oz / 355 ml	320 mm from bottom of piston to oil end of stanchion (end which receives seal head and damper rod)
<b>Magic 80, 100 29-80, 29-100, 29-110</b>	8 fluid oz / 237 ml	75 mm from oil level to top of stanchion with fork fully compressed
<b>Magic 100T</b>	12 fluid oz / 355 ml	255 mm from oil level to end of stanchion with fork fully compressed
<b>Fluid 29 135</b>	8 fluid oz / 237 ml	Oil level set by volume of exactly 6 fluid oz (177 ml)

<b>Fluid 29 150</b>	8 fluid oz / 296 ml	Oil level set by volume of exactly 7 fluid oz (207 ml)
<b>RC8 ('09-'12)</b>	5 fluid oz / 147 ml	Oil level set by volume of exactly 4 fluid oz (118 ml)
<b>LOOP 26/650 29</b>	5 fluid oz / 147 ml	Oil volume is set by cycling oil into the damper and purging all air out. Consult White Brothers.
<b>Rustler</b>	4 fluid oz / 118 ml	Oil volume is set by cycling oil into the damper and Purging all air out. Consult White Brothers.

\*The oil volumes recommended in the second column include approximately 1 - 2 oz more than will actually be retained in the fork. This allows for some wastage and accounts for small volume differences between models. All White Brothers forks use Torco No. 7 (= RS No. 5), but any equivalent suspension oil can be used.

Additional Note: After refilling the damper leg on Groove 200, the compression rod should be depressed to within 230 mm of the seal head. Oil can then be bled through the compression adjustment screw hole at the bottom of the leg while the floating piston is pushed all the way to the bottom of the reservoir canister. Further information on refilling and bleeding can be found in White Brothers service memos for various fork models.