

Oil Fill Chart STX Struts

Stroke	Main Cylinder Fluid (Full Strength Ethylene Glycol - Antifreeze - do not dilute)			Piston Shaft Oil (10w fork oil)	* Minimum Recommended Shaft Showing at Ride Height
	Main Cylinder * Running Oil Depth (inches)	Measure by Volume ↓ all fluid in main cylinder (outer cylinder empty) (ml or cc)	or Measure by Depth ↓ all fluid in main cylinder, measured fluid depth from top of piston (outer cylinder empty) (inches)	(extend shaft fully to drain all oil before re-filling) (ml or cc)	(inches)
8	4.1	171	3.3	170	5.1
10	4.7	216	4.2	220	5.7
12	5.2	261	5.1	270	6.2
14	5.8	307	6.0	320	6.8
16	6.4	352	6.8	370	7.4
18	6.9	397	7.7	420	7.9
20	7.6	442	8.6	470	8.6
22	8.0	488	9.5	520	9.0
24	8.7	533	10.4	570	9.7
26	9.3	578	11.2	620	10.3
28	9.7	624	12.1	670	10.7
30	10.3	669	13.0	720	11.3

* If vehicle is set up with less shaft showing than what is recommended in the far right column, the struts will be more likely to bottom out. By following the recommended minimum shaft showing, all three compression damping stages will operate at maximum efficiency by allowing for some free-moving compression stroke of the shaft before the piston begins to force fluid through the compression damping ports.