

Viscosity, ASTM D445 (cSt) & ASTM D2270 (VI)

Brand	Reported cSt @ 40C (centiStokes)	Reported cSt @ 100C (centiStokes)	Reported Viscosity Index (VI)	Recalculated Viscosity Index (VI)	Viscosity/ Temperature Coefficient (VTC)	VT (cSt@40/cSt@100)
Red Line (Like Water!, Clear)	5.50	2.30	344.00	343.00	0.58	2.39
Red Line (Extra Light, Blue)	9.80	4.00	402.00	403.00	0.59	2.45
Spectro, Golden (Ultra Light)	10.40	4.40	385.00	440.00	0.58	2.36
RockShox (2.5w Light Cartridge) (Torco 5)	10.75	4.00	325.00	340.00	0.63	2.69
Torco RFF 5	10.75	4.00	325.00	340.00	0.63	2.69
Bel-Ray HVI (3wt)	11.00	3.85	296.00	297.00	0.65	2.86
Kayaba (K2-C Shock)	11.30	4.00	310.00	310.00	0.65	2.83
Showa Suspension Fluid SS-25 (2.5wt, Stock Shock, OEM)	12.50	3.90	239.00	239.00	0.69	3.21
Silkolene Pro RSF (2.5wt)	13.60	5.83	464.00	465.00	0.57	2.33
Öhlins Shock Absorber Fluid No. 309 (#01306-01)	13.70					
Maxima Racing Shock Fluid (Light, 3wt)	14.00	5.20	378.00	370.00	0.63	2.69
Torco RSF Light (Purple)	14.50	4.70	288.00	286.00	0.68	3.09
PJ1 Cartridge Pro Fork Fluid (3.5wt)	14.60	3.60		134.00	0.75	4.06
Castrol Fork Oil (10 wt)	15.00	4.00	150.00	179.00	0.73	3.75
Motorex Racing Fork Oil (2.5W)	15.10	4.20	200.00			
Racetech (Motorex) (Light US1)	15.20	4.40	222.00	226.00	0.71	3.45
Kawasaki (KHL-15-10)	15.30					
Penske (Lightweight Shock Fluid)	15.50	6.30	434.00	434.00	0.59	2.46
Suzuki (Fork L01)	15.50					
Kayaba 01 (Zero-One Fork)	15.60	3.45	150.00	96.00	0.78	4.52
Yamaha 01 Fork Oil (Kayaba)	15.60	3.45	150.00	96.00	0.78	4.52
Showa Suspension Fluid SS-05 (Stock Fork, OEM)	15.68	3.60	116.00	113.00	0.77	4.36
Maxima Bicycle Fork Fluid (5wt)	15.90	3.51	150.00	98.00	0.78	4.53
Maxima Fork Oil (5wt)	15.90	3.51	150.00	98.00	0.78	4.53
Maxima Racing Fork Fluid (85/150, 5wt)	15.90	3.51	150.00	98.00	0.78	4.53
Motul Fork Oil (Very Light)??	16.00	3.50	100.00	95.00	0.78	4.57
RockShox (5w Medium, Hydracoil) (Torco 7)	16.10	5.05	285.00	280.00	0.69	3.19
Torco RFF 7	16.10	5.05	285.00	280.00	0.69	3.19
Motul Shock Oil (2.5-20)	16.10	6.20	400.00	403.00	0.61	2.60
Showa Suspension Fluid SS-7 (5wt) (Apollo)	16.44	3.76	135.00	119.00	0.77	4.37
Öhlins Front Fork Fluid (No.5, #1305-01)	16.50				0.28	
Suzuki (Fork W-15)	16.80					
Spectro, Golden Spectro Cartridge Fork Fluid (85/150, Very Light)	16.90	3.82	150.00	119.00	0.77	4.42
Honda Pro HP Fork Oil (5wt)	17.00	3.80	140.00	115.00	0.78	4.47
Pro circuit PC-01	17.00	4.10		149.00	0.76	4.15
Bel-Ray Fork Oil (5wt)	17.10	4.10	146.00	147.00	0.76	4.17
Kayaba G5	17.70	3.50	72.00	72.00	0.80	5.06
Yamaha (Suspension G5)	17.70					
Kawasaki (Fork G5)	17.90					
Elf Moto Fork Oil SYN (2.5)	18.00	4.00	121.00	122.00	0.78	4.50
Motul Fork Oil, Comfort (Light, 5)	18.20	4.00	124.00	119.00	0.78	4.55
Motul Fork Oil, Factory Line (Light, 5)	18.30	4.20	138.00	138.00	0.77	4.36
Red Line (Light, Yellow)	18.40	7.10	407.00	409.00	0.61	2.59
Agip Fork (2.5wt)	18.50	4.37	152.00	153.00	0.76	4.23
Öhlins Front Fork Fluid (R&T 43, #1309-01)	19.00				0.32	
Bardahl (5w Fork Oil)	19.30	5.10	212.00	212.00	0.74	3.78
Bel-Ray HVI (5wt)	19.50	6.66	345.00	345.00	0.66	2.93
Torco RFF 10	19.90	5.70	260.00	256.00	0.71	3.49
Motul Fork Oil (Light)??	20.00	6.00	260.00	280.00	0.70	3.33
Showa Suspension Fluid SS-15	20.07				0.33	
Spectro, SX "400"	20.90	8.90	400.00	460.00	0.57	2.35
Maxima Racing Shock Fluid (Medium, 7wt)	21.00	7.30	349.00	358.00	0.65	2.88
Spectro Fork Oil (5wt)	21.60	4.40	119.00	114.00	0.80	4.91
Agip Fork (5wt)	22.00	5.20	175.00	178.00	0.76	4.23
Öhlins Front Fork Fluid (No.10, #1310-01)	22.00				0.37	
Silkolene Fork Oil (5wt)	22.30	4.40	106.00	107.00	0.80	5.07
Motul Fork Oil, Factory Line (Medium, 5-10)	22.30	6.20	254.00	253.00	0.72	3.60
Motorex Racing Fork Oil (5W)	22.60	5.60	200.00			
Elf Moto Fork Oil SYN (5)	23.30	4.80	130.00	129.00	0.79	4.85
PJ1 Fork Tuner (2.5wt)	26.10	4.90		111.00	0.81	5.33
(Marzocchi)	26.10	5.25	150.00	135.00	0.80	4.97
Spectro, Golden (Very Light)	26.40	9.90	400.00	397.00	0.63	2.67
Maxima Racing Fork Fluid (125/150, 7wt)	26.70	5.36	151.00	138.00	0.80	4.98
Silkolene Pro RSF (5wt)	26.70	9.46	372.00	372.00	0.65	2.82
PJ1 Fork Tuner (7.5wt)	27.50	5.10		113.00	0.81	5.39
Castrol Synthetic Fork Oil (5 wt)	28.00	5.70	151.00	149.00	0.80	4.91
Öhlins Shock Absorber Fluid No. 131 (#00105-01)	28.70	9.40	340.00			
Bel-Ray Fork Oil (7wt)	29.00	5.20	110.00	108.00	0.82	5.58
Maxima Racing Shock Fluid (Heavy, 10wt)	29.00	9.40	334.00	336.00	0.68	3.09
Red Line (Medium, Red)	30.40	10.80	369.00	374.00	0.64	2.81
Öhlins Front Fork Fluid (No.15, #1315-01)	30.70				0.51	
Agip Fork (7.5wt)	31.00	6.40	163.00	165.00	0.79	4.84
PJ1 Fork Tuner (5wt)	31.20	5.40		106.00	0.83	5.78
Fox Shox (Torco RSF Medium)	31.82	9.57	300.00	309.00	0.70	3.32
Torco RSF Medium (Purple)	31.82	9.57	300.00	309.00	0.70	3.32
Maxima Bicycle Fork Fluid (10wt)	32.00	6.28	151.00	151.00	0.80	5.10
Maxima Fork Oil (10wt)	32.00	6.28	151.00	151.00	0.80	5.10
Maxima Racing Fork Fluid (165/150, 10wt)	32.00	6.28	151.00	151.00	0.80	5.10
Spectro Fork Oil (10wt)	32.80	5.60	111.00	107.00	0.83	5.86
Racetech (Motorex) (Medium US2)	32.90	7.20	200.00	192.00	0.78	4.57
Bel-Ray Fork Oil (10wt)	33.00	5.90	123.00	123.00	0.82	5.59
RockShox (10w) (Torco 15)	33.00	8.40	240.00	247.00	0.75	3.93
Torco RFF 15	33.00	8.40	240.00	247.00	0.75	3.93
Shell Advance Fork 5	33.05	7.09	185.00	185.00	0.79	4.66