

Vari-Feed Wick Oilers Flow Rates

Vari-Feed wick oilers are used to provide a controlled amount of oil to a bearing or other machinery part. The principle of delivery combines gravity feed with capillary action in the wick to provide a constant feed rate of oil regardless of the fill level in the reservoir. Feed rate is determined by the viscosity of the oil and the type of wick being used. The following chart is to be used as a guide for flow rates of each size wick. Test was conducted at ambient room temperature.



Flow Rates for Vari-Feed Wick Oilers

Viscosity Grade ISO / SAE Engine Oil

Wick Type	ISO 32 / 10W	ISO 68 / 20W	ISO 100 / 30W
White -Very Fast	1 Drop per 1.2 Seconds	1 Drop per 1.6 Seconds	1 Drop per 8.6 Seconds
Green/White - Fast	1 Drop per 20 Seconds	1 Drop per 60 Seconds	1 Drop per 75 Seconds
Blue/White - Medium	1 Drop per 30 Seconds	1 Drop per 90 Seconds	1 Drop per 2 Minutes
Red/White - Slow	1 Drop per 45 Seconds	1 Drop per 2 Minutes	1 Drop per 3 Minutes
Red - Very Slow	1 Drop per 3 Minutes	1 Drop per 10 Minutes	1 Drop per 15 Minutes

Note: 1 Drop = Approximately .031 Milliliters or 32 Drops = Approximately 1 Milliliter

