NOMENCLATURE

L  Kinematic viscosity at 40°C of an oil of 0 Viscosity index, cst
U  Kinematic viscosity at 40°C of the oil whose Viscosity index is to calculated, cst
H  Kinematic viscosity at 40°C of an oil of 100 Viscosity Index, cst
A_r  Total acidity in mg potassium hydroxide / g sample
A  Instrument calibration constant
B  Instrument type constant
t  Efflux time, s
w  Weight in g of ash
W  Weight in g of sample
V  Volume of potassium hydroxide solution in ml
N  Normality of the potassium hydroxide solution
V_1 Volume in ml of acid used in titrating blank
V_2 Volume in ml of acid in titrating the sample
W_1 Wet sludge weight
W_2 Dry sludge weight