

NOACK VOLATILITY REFERENCE OILS

SNL-75, NCO-12/SNC-150



THE PRODUCT

- A. Noack Volatility Reference Oils (SNL-75, NCO-12/SNC-150)
- B. Oils having known evaporation loss values for verification of Noack instrument operation and operator technique per D5800

THE PURPOSE ACCORDING TO THE METHOD

- A. D5800, Sections 10.1 and 19.1: It is recommended that a Noack reference oil check be run each day of operation for verification purposes.
- B. NCO-12/SNC-150 is specifically called out as the recommended daily Reference Check Oil.
- C. SNL-75 is also available from Tannas for reference and calibration purposes of Procedures D and C instruments.

FEATURES

- A. Reference volatility target values for all four D5800 Procedures (A, B, C & D)
- B. Key range of volatility values (6% to 14%)
- C. Multiple container size options (Pint, Quart, Half-Gallon, Gallon)

EVAPORATION LOSS OF LUBRICATING OILS

The evaporation loss/volatility of lubricating oils is of particular importance in engine lubrication. Where high temperatures occur, portions of the oil can evaporate. Evaporation may contribute to oil consumption in an engine and can lead to changes in the properties of the lubricant. The ASTM D5800 method is used to determine the evaporation loss of lubricating oils and is a critical performance test parameter for modern engine oil formulations.

Per ASTM D5800, it is recommended that a reference fluid be tested to confirm proper operating performance at the beginning of each day of operation. For the Tannas instruments (according to Procedures D and C), the reference/calibration fluid is used to calibrate (tune) the instrument to lab environments by making adjustments to the Orifice size as necessary.

The NCO-12/SNC-150 is called out in D5800 as the recommended daily verification check oil and has target evaporation loss values for all four D5800 Procedures. SNL-75 reference/calibration fluid is also available with target evaporation loss values for all four D5800 Procedures. Each of these fluids are produced by Tannas and available in pint, quart, half-gallon and gallon sized containers.

	SNL-75	NCO-12/ SNC-150
Volatility Percentage	6-9%	11-13%
Applicable ASTM Test Method	ASTM D5800	ASTM D5800
Pint Part #	020035	020039
Quart Part #	030035	030039
Half-Gallon Part #	040035	040039
Gallon Part #	050035	050039



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