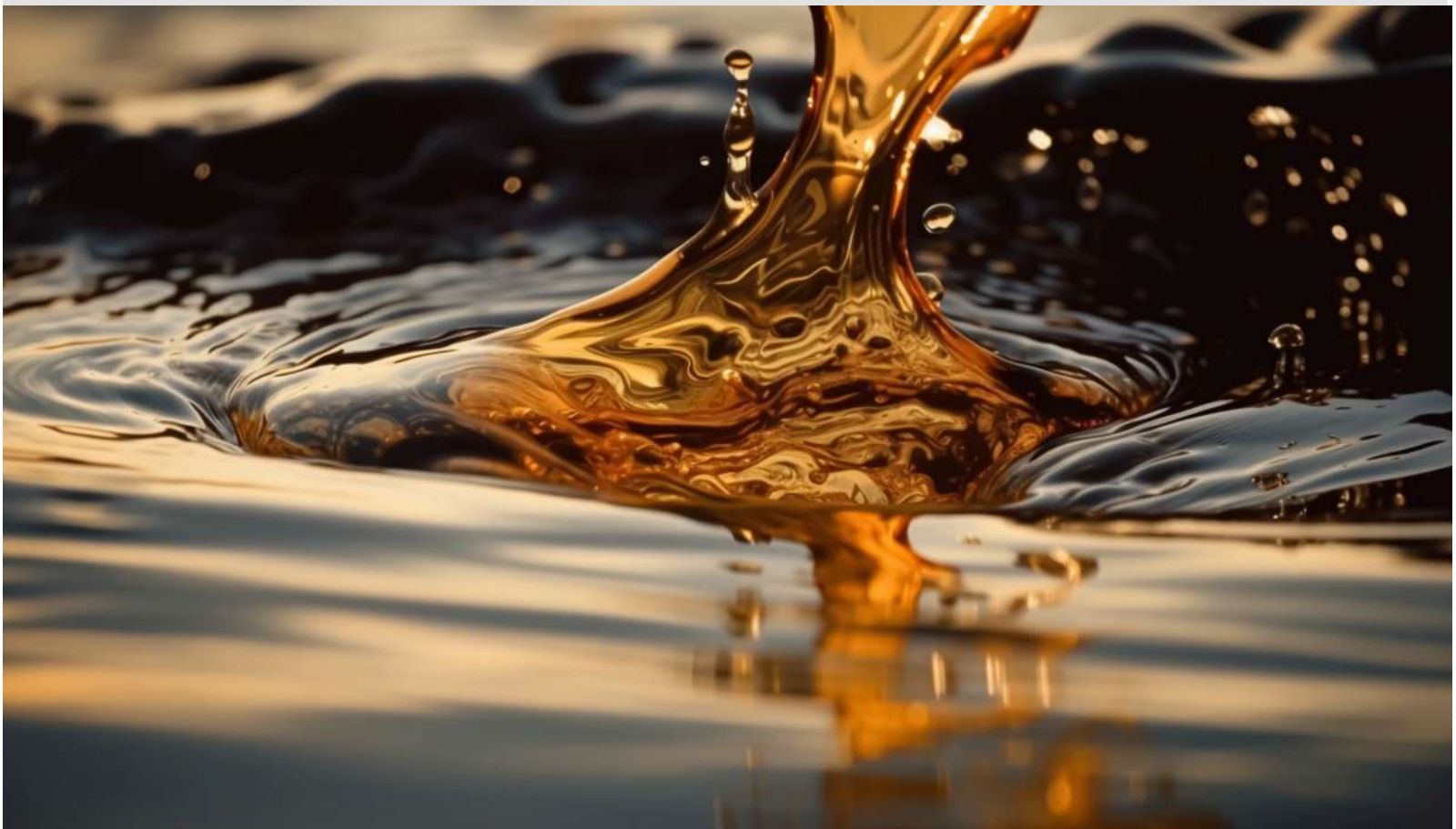


LUBRICANT INDUSTRY

LUBRICANT



Normalab

Normalab is offering more than testing equipments for the upstream and downstream Oil & Gas, but complete laboratory solutions. We will offer a complete solution for your laboratory with a “ready to use “ mode, including all the accessories, reagents, chemicals and consumables you need to make your analysis properly.

FLASH POINT BY PENSKEY MARTENS

ASTM D 93 - IP 34 - ISO 2719

NPM Tech 2 - Automated - Ref 42100

NEW



The NPM Tech 2 is a compact automated instrument designed to revolutionize your flash point testing. Safer and more ergonomic, it now features real-time fire detection, integrated support, and automatic display for optimal ease of use.

CLEVELAND FLASH POINT TESTER

ASTM D 92 - ISO 2592 - IP 36

NCL 440 – Automated - Ref 40400



NCL 440 flash point, combines flash and fire point detection. Fully automatic, the NCL 440 offers good repeatability and reproducibility of your analysis. Easy to use, simply select a pre-installed program : the evolution of the test is displayed in real time on the screen.

CLOUD & POUR POINT

ASTM D 2500 - D 97, IP 15, IP 219, ISO 3015, ISO 3016

CPP Classic - Semi automatic - Ref 941592



CPP test cabinet is mechanically refrigerated by CFC free Gas. There are 4 compartments (0, -18, -33, -51°C), each with 4 wells whose temperature is controlled by digital display. For the filtration limit temperature (ASTM D 6371 - IP 309 - EN 116) a kit is available in option.

OXIDATION CHARACTERISTICS

ASTM D 943, D 2274, D 2893, D 4310, IP 157, IP 388, ISO 4263-1,2,3, ISO 12205

TOST Classic – Semi automatic - Ref 9416260



The oxidation characteristics bath is a 8-places unit. User can select suitable accessories according to its needs and get a customized instrument. (glassware and options list are available on request)

COPPER AND SILVER CORROSION DETECTION

Copper corrosion: ASTM D130, ASTM D4048, ASTM D7095, EN/ISO 2160, IP154 and IP112 / **Silver** corrosion: D 7671, IP 227

NTB Classic - Ref 23007



Thermostatic bath has a temperature range from ambient to +250°C. In order to work under ambient temperature, tap water or external chiller can be connected. Standard is equipped with a bath drain. In option, you have the possibility to increase the capacity from 6 to 9 tests positions.

AUTOMATIC ANILINE POINT TESTER

ASTM D 611 - IP 2 - NFM 07021 - ISO 2977

NAE 440 - Automated - Ref 40500



The NAE 440 Aniline point tester is the unique twin tester available on the market with two autonomous and independant stations. The instrument allows visual control of the aniline point during test. The NAE operates within a range of -10°C to +150°C. For safety, the heating element is protected in case of tube breakages. An external cooling source is needed for temperatures under ambient.

CENTRIFUGE

ASTM D 91 - D 893 - D 1796 - D 2273 - D 2709 - D 4007 , ISO 3734 - IP 75 - IP 359

NCP Tech 2 - Ref 29600



NCP Tech 2 centrifuge has been specially designed for the determination of water and sediment in petrol and used oils, as well as precipitation and demulsibility features. It allows fast and easy operation for accurate measurements. The model NCP Tech 2 is available in a non-heated version and a large version to centrifuge up to 8 tubes.

FOAMING CHARACTERISTICS OF LUBRICATING OILS

ASTM D 892 - D 6082 - IP 146 - ISO 6247

FOAM 1 : Ref 941640 & FOAM 2 : Ref 941643



These instruments are used to detect foaming characteristics in lubricating oils. This model allows to perform sequence I, II or III.

FOAM HT : Ref 9416432

FOAM HT can perform a test at max. 150 °C. For sequences I, II, III and IV in one bath.

DIFFUSER WASHER

ASTM D 892, IP 146

NDW Tech – Semi automatic - Ref 941645



The NDW Tech allows to automatically clean and dry your stone diffusers or your stainless steel diffusers. It also reduces solvent exposure of the users.

AIR RELEASE VALUE (IMPINGER METHOD)

ASTM D 3427 - IP 313 - ISO 9120 - DIN 51381 - NFT 60149

ARV Tech - Ref 942900



The ARV Tech measure precisely the time required for an oil to separate from water. The test is realised with Impinger method, oil is heated at a temperature of 25°C, 50°C, or 75°C, then compressed air is sent into the oil. The graph shows the evolution of the test in real time. The connected balance allows automatic determination

FOAMING TESTER

NFT 60185

CNOMO - Ref 23360



The test consists to make a liquid circulate with a pump. The liquid comes from a calibrated ferrule at a specified height in a graduated glass cylinder. The volume of foam created during the test allows characterizing foaming tendency and/or stability.

DEMULSIBILITY TESTER

ASTM D 1401, ISO 6614, IP 412

DEM Tech - Semi automatic - Ref 42500



The DEM Tech is a semi automatic demulsibility tester that can define the ability of petroleum oils and synthetic fluids to separate from water. It can contain four measurement positions (+ two preheat positions). Its stirring paddle is automatically positioned in the test tube. Thanks to its large viewing window and the non-reflective enhanced LED lighting, the test can be easily observed.

PENETROMETER

ASTM D 5 - D 217 - D 937 - D 1321 - D 1403

NPN Tech - Semi automatic - Ref 942734



The half automated penetrometer, NPN Tech, is a compact unit able to measure automatically the penetration value of the sample. With an auto-electronic detection of depth penetration, this device is used for consistency and resistance determination of pasty, creamy, semi-solid or highly viscous samples. An automatic surface detection is available for conductive samples.

GREASE WORKER

ASTM D 217

GWM Classic - Automated - Ref 9417582



Automatic GWM Classic reduces the procedure required for grease, in order to realize the shear stability test. The grease machine achieves 60 (± 10) strokes/min with a movement of 67mm. This apparatus is used ageing the greases prior to the penetrability test.

VISCOSITY BATH

ASTM D 445 - D 446 - ISO 3104 & 3105 - IP 71

NVB Classic – Ref 23207



This viscosity bath, NVB Classic, has a temperature range from ambient to 230°C (stability of $\pm 0.01^\circ\text{C}$). Its 40 liters bath has an opening of 260 x 240 mm. There are 7 openings for holding viscometers and a cooling coil to work below ambient temperature.



AUTOMATIC VISCOMETER WASHER FOR TUBES

ASTM D445 - D446, ISO 3104, IP 71
VTW Classic - Automated - Ref 18450

The viscometer washer allows external and internal washing of all types of viscometer tubes. Viscometer tubes are suspended in solvent vapor. An external cooling circuit is necessary to condensate the vapors. It also reduces solvent exposure of the users.

GLASSWARE

Normalab France also manufactures glassware thanks to its glassblowing workshop! We can produce one-off technical parts or large production runs. Our workshop is equipped with a calibration laboratory that can test your viscometers, cylinders and foaming spheres.

Specialized in glass blowing for more than 60 years, our team works to meet all your specific requirements and also tailor-made glassware



REF 24805, 24795 & 19369



REF 19348



REF 12627



REF 12629 & 12628



REF 19319



REF 19435



REF 19371

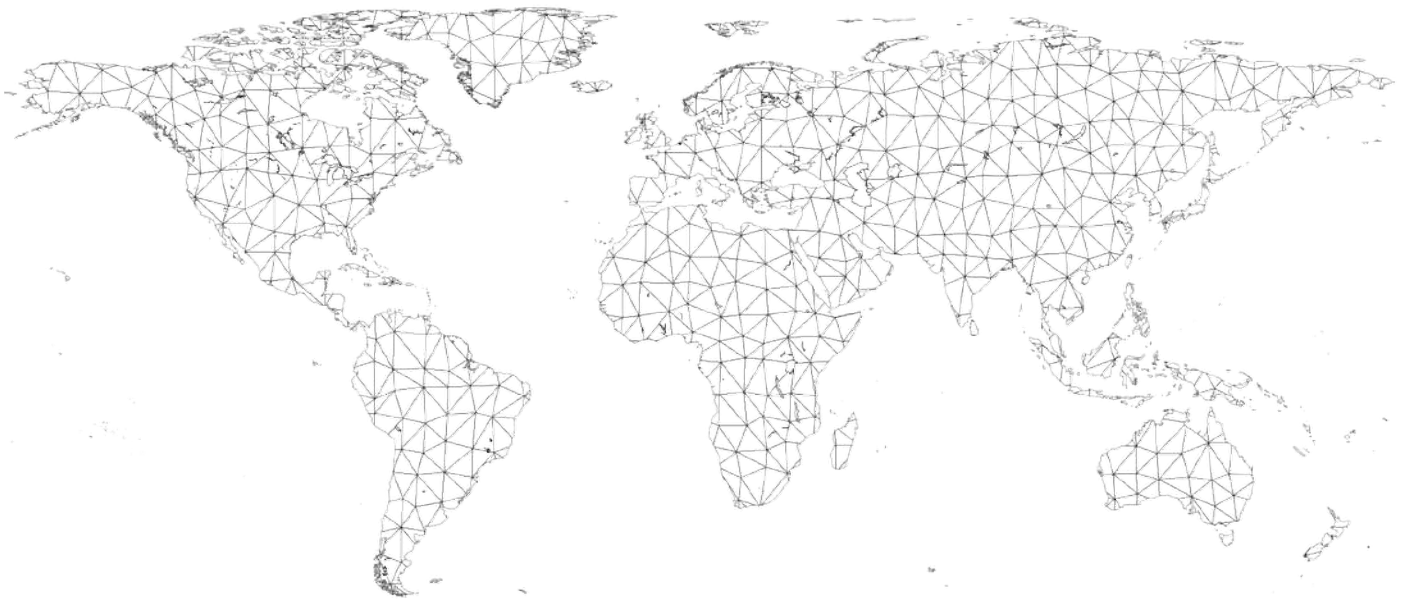


REF 19371



VARIOUS TYPES OF VISCOMETRIC TUBES

DISCOVER OUR CATALOGUES



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