



916 Ti-Touch

Serial number 09114
Printed

Program version 5.916.0020
2014-10-28 11:15:11

Result report

Determination Method **D2896 (TBN)**
 Last saved on 2014-10-06 14:03:09 version 4
 Method status saved
 Determ. time 2014-10-28 11:10:01
 Status of deter. original
 Sample number 16
 User MANAGER

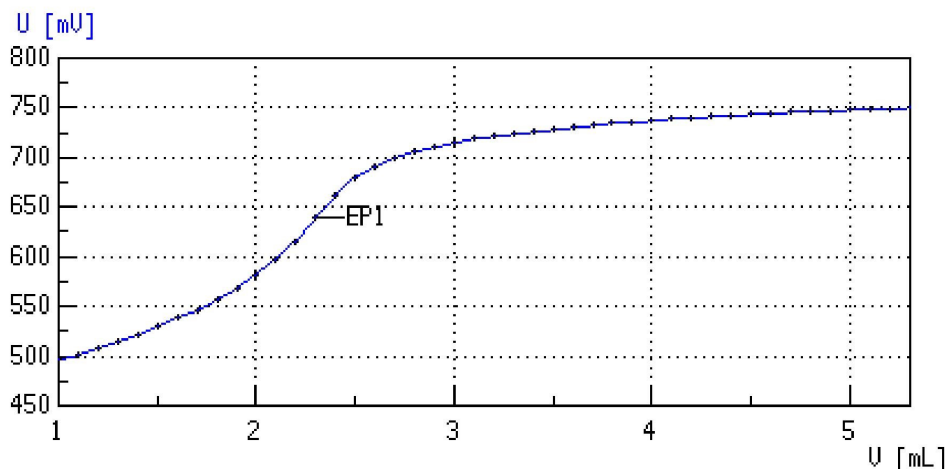
Sample data Identification 1 10W40
 Sample size 1.4063 g

02 MET U Monotonic U titration
 Titration EP1 639.6 mV 2.3047 mL
 Stop EP reached

Results **TBN1** **9.1948** mg KOH/g
TBN2 **Variable EP2 missing**
TBN3 **Variable EP3 missing**

Curve

02 MET U Monotonic U titration



Standard Test Method for Base Number of Petroleum Products by Potentiometric Perchloric Acid Titration

Significance and Use

New and used petroleum products can contain basic constituents that are present as additives. The relative amounts of these materials can be determined by titration with acids. The base number is a measure of the amount of basic substance in the oil, always under the conditions of the test. It is sometimes used as a measure of lubricant degradation in service; however, any condemning limits must be empirically established.