

## Foaming properties of NEODOL™ ethoxylates

NEODOL ethoxylates are moderately foaming surfactants. Figures 1 - 4 below show the dynamic foam heights for NEODOL ethoxylates using the Shell Dynamic Spray Foam Test in distilled water. The Shell test method was designed to generate foam data under dynamic conditions, generating foam continuously through re-circulation. This allows measurement of foam height as a function of time. Trends observed in this test will generally be consistent with those in the Ross Miles Test. Figure 5 shows comparable data for 3 competitor ethoxylates.

Figure 1

Dynamic Spray Foam Height at 24°C for NEODOL 91 Ethoxylates

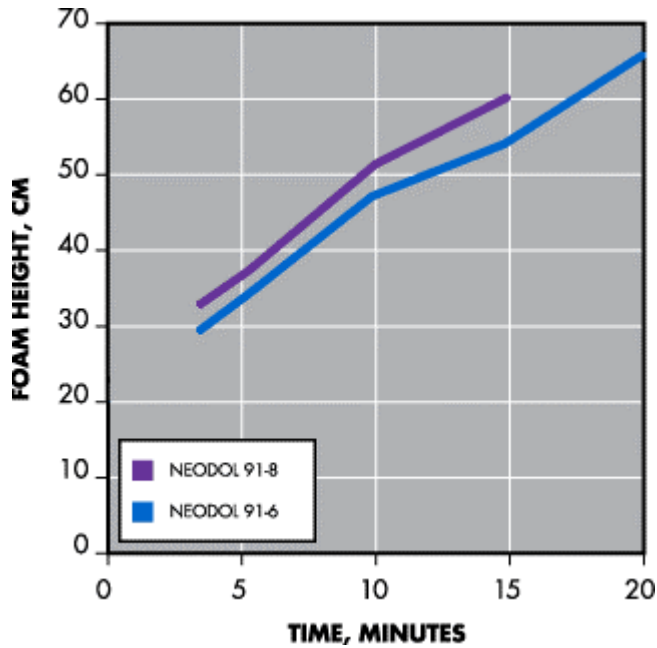


Figure 2

Dynamic Spray Foam Height at 24°C for NEODOL 23-6.5

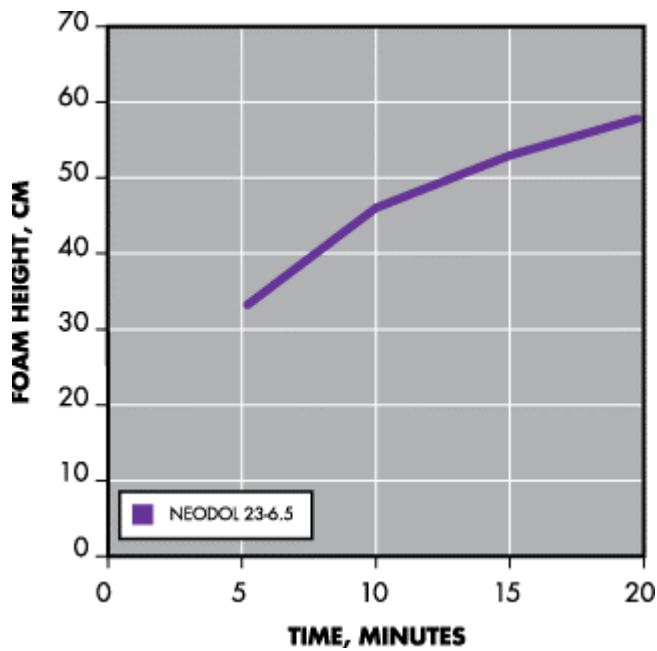


Figure 3

Dynamic Spray Foam Height at 24°C for NEODOL 45-7

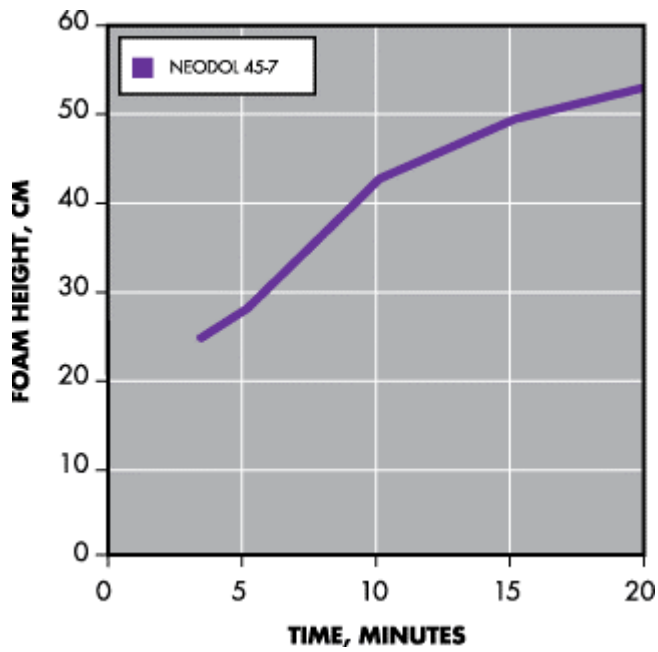


Figure 4

Dynamic Spray Foam Height at 24°C for NEODOL 25 Ethoxylates

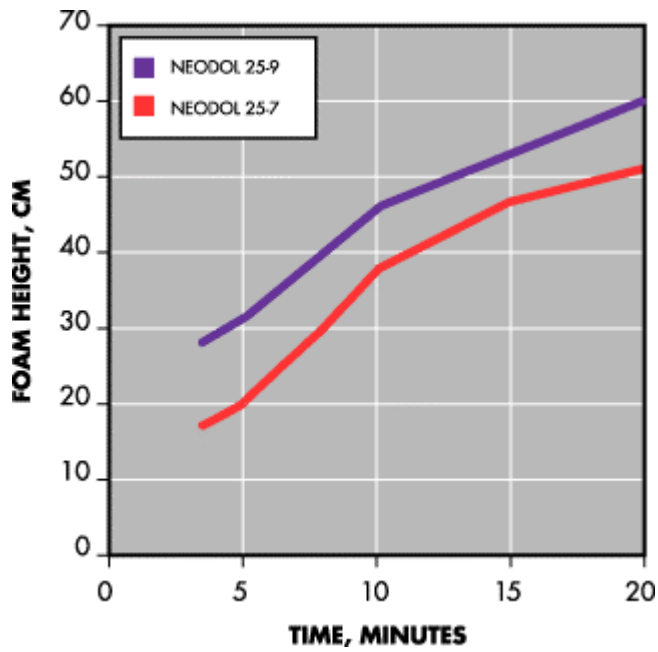
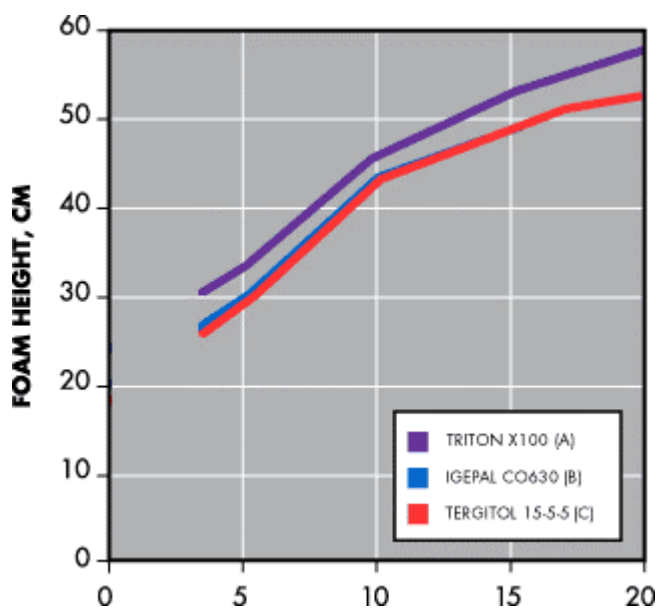


Figure 5  
Dynamic Spray Foam Height at 24°C for competitive ethoxylates



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- (B) Igepal is a registered trademark of Rhodia.
- (C) Tergitol is a registered trademark of Union Carbide.

NEODOL is a registered trademark of the Shell Group of Companies



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