Figure 1

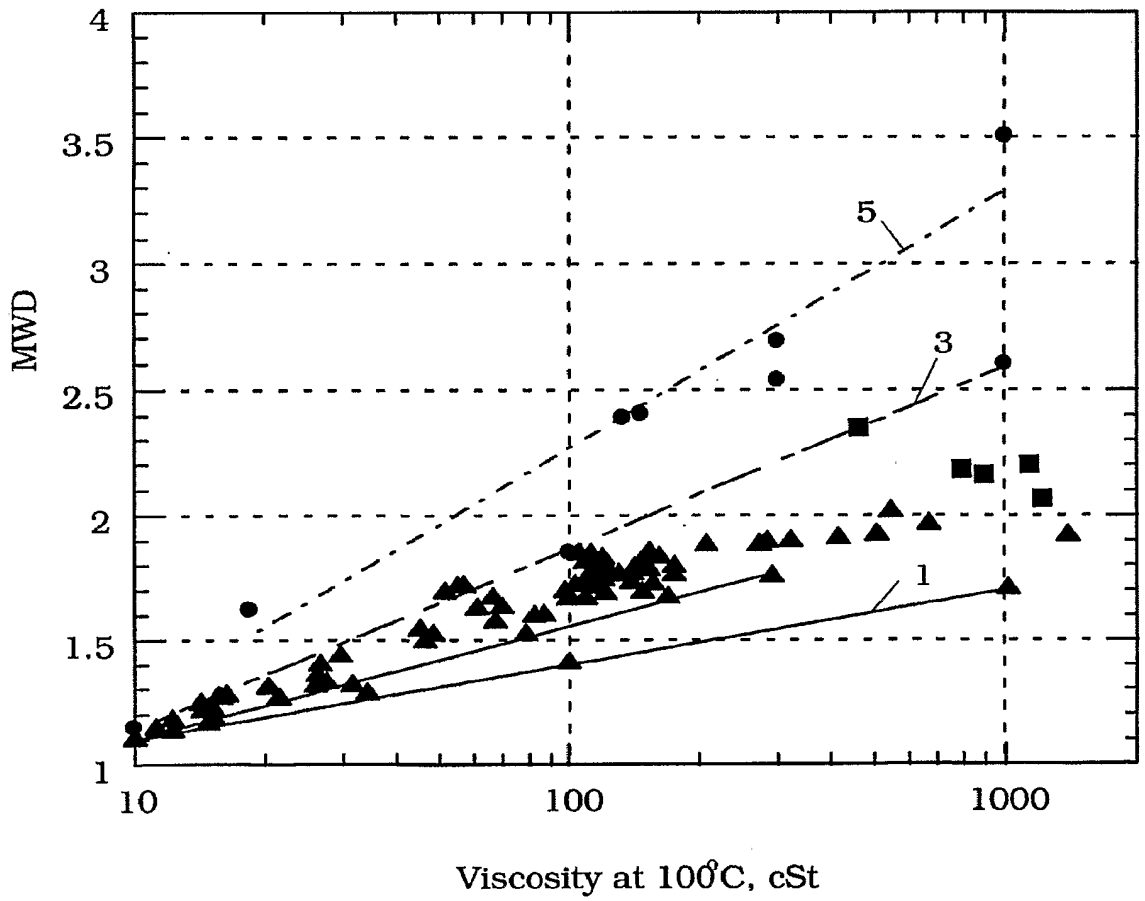


Figure 2

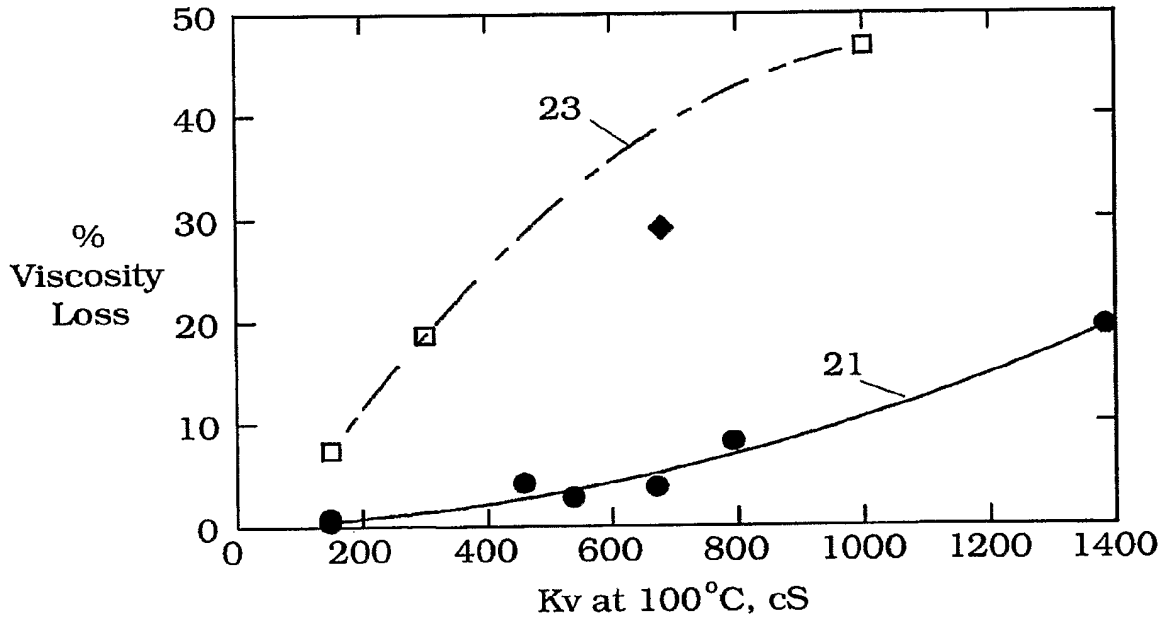

50
40
30
20
10
0
% Viscosity Loss
23
21
0
200
400
600
800
1000
1200
1400
Kv at 100°C, cS

Figure 3

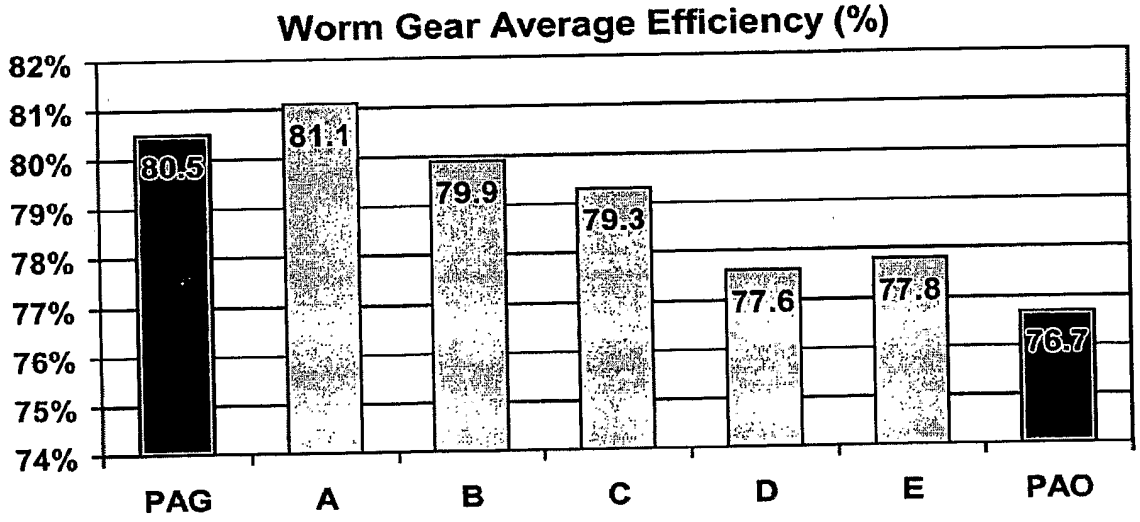

Worm Gear Average Efficiency (%)
82%
81%
80%
79%
78%
77%
76%
75%
74%
80.5
81.1
79.9
79.3
77.6
77.8
76.7
PAG
A
B
C
D
E
PAO

Figure 4

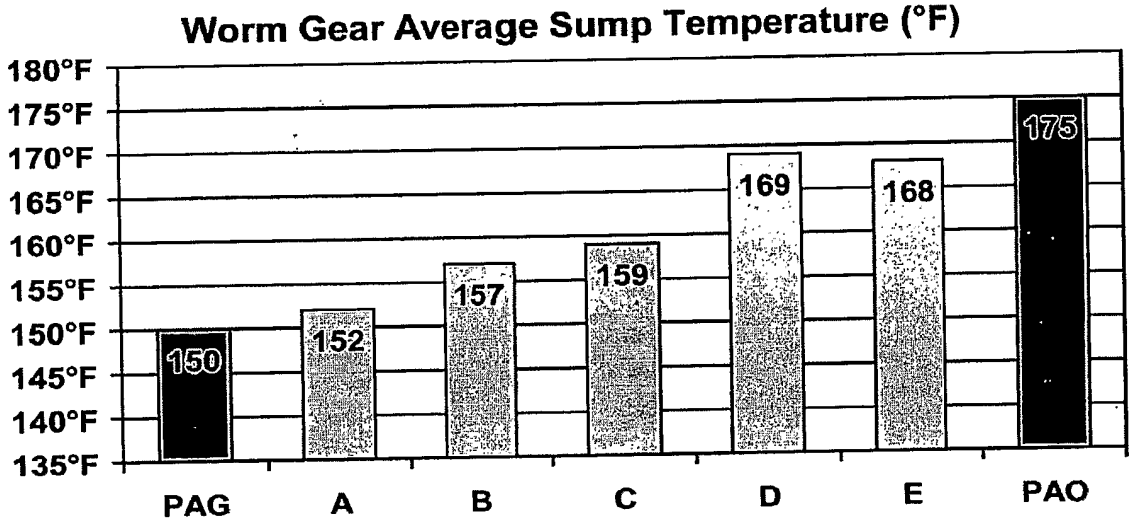

Worm Gear Average Sump Temperature (°F)
180°F
175°F
170°F
165°F
160°F
155°F
150°F
145°F
140°F
135°F
150
152
157
159
169
168
175
PAG
A
B
C
D
E
PAO

Figure 5

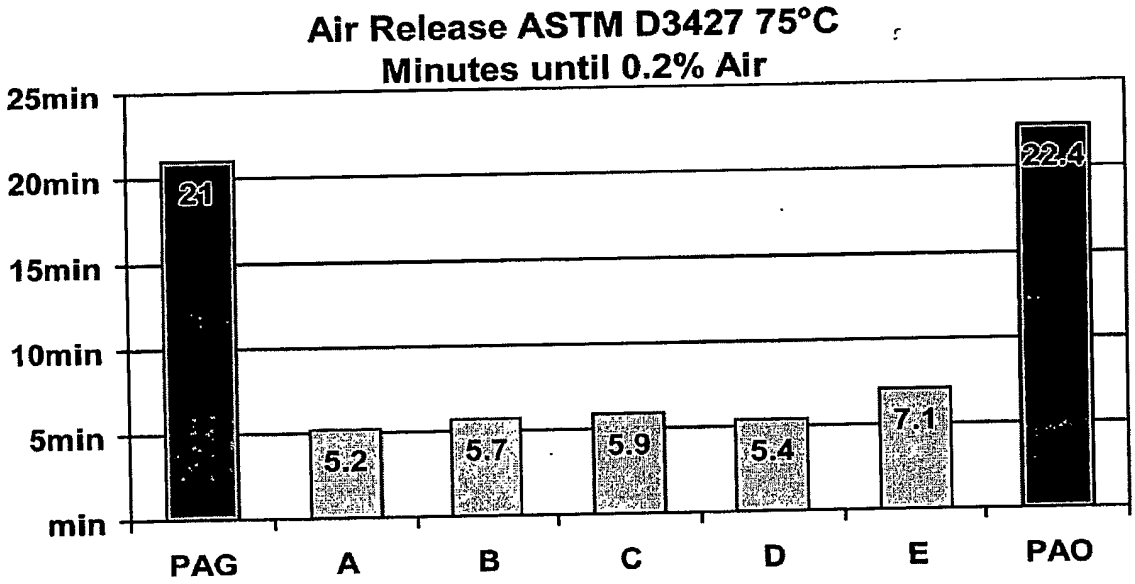
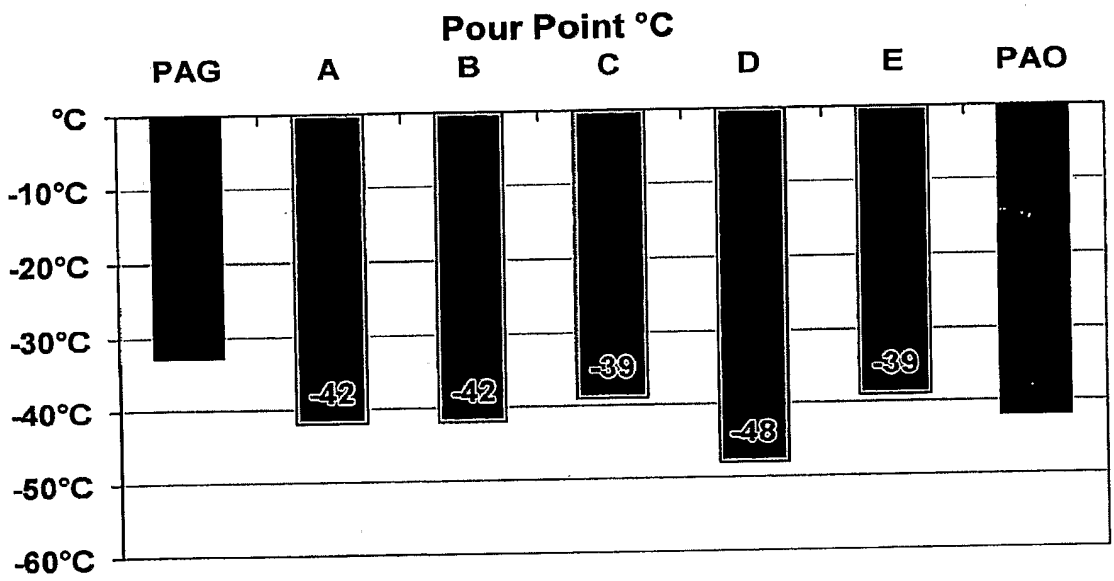

Air Release ASTM D3427 75°C
Minutes until 0.2% Air
25min
20min
15min
10min
5min
min
21
5.2
5.7
5.9
5.4
7.1
22.4
PAG
A
B
C
D
E
PAO

Figure 6


Pour Point °C
PAG
A
B
C
D
E
PAO
°C
-10°C
-20°C
-30°C
-40°C
-50°C
-60°C
-42
-42
-39
-48
-39