

INTRODUCTION

PC-1844 Defoamer is a 40 % solution of an acrylic polymer in a petroleum solvent. It provides improved high temperature performance, and improved efficiency. PC-1844 is recommended for high performance usage where PC-1244, PC-1644, or silicone defoamers do not give adequate performance. These usages include gear oils, specialty lubricants, shock absorber, hydraulic, turbine and transmission oils. Typical use levels of the defoamer solutions range from 50 - 500 ppm (20 - 200 ppm active polymer). The optimum level is dependent upon the nature of the oil, and it is therefore necessary to run a concentration profile on each oil. PC-1844 defoamer is most typically employed at 200 - 250 ppm of solution (80 - 100 ppm active polymer). PC-1844 is without addition of silicon.

AVAILABLE REGION(S)

Asia-Pacific, Europe/Africa, North America, South America

PUBLICATION NUMBER

Pub. No. 2119482D

PHYSICALS PROPERTIES

| Property | Limits | Test Method |
|------------------------------------|---|-------------|
| Appearance | Clear, colorless to light yellow liquid | 001 |
| Refractive Index, nD25 @ 25 °C | 1.4410 - 1.4445 | 36-A |
| Non-Volatiles, % (2 hrs. @ 105 °C) | 38 - 42 | 010 |
| Viscosity, SUS @ 100 °F | 300 - 600 | 098 |
| Specific Gravity @ 25 °C (77 °F) | 0.84 - 0.86 | 005 |
| Color, APHA | 150 max | D0016000 |

USEFUL INFORMATION

| | |
|---|----------------|
| Brookfield Viscosity, cps @ 25 °C | 100 - 600 |
| Solvent | Hydrocarbon |
| Flash Point, (Pensky-Martens, closed cup) | 149 °F (65 °C) |

SHELF-LIFE

At temperatures up to 35 °C storage stability packed in original containers amounts to at least 1460 days.