Established: January 8, 1957 as OS-82
by Tentative Process P-740, Job 3132

Product Group: 10

Composition:

81105	Aroclor 1260	49.85 lbs.
80071	Tricresyl Phosphate	49.85 lbs.
81797	Santolube 70-A	0.30 lb.
31100	DC-200 Fluid, 350 cs.	0.002 lb.
20640	Blue A Dye	0.0007 lb.

Specifications:

On each lot	Sales	Control	Procedures
Appearance	Cloudy, blue liquid free of sediment		16-A
Moisture (By KF in methanol-pyridine)	0.15% max.	0.08% max.	78-B
Neutralization No. (acid)	0.30 max.	0.25 Max.	80-B
Foam Test	250 ml. max.	0 to 150 ml.	54-A
Specific gravity @25/25°C	1.360 to 1.400	1.370 to 1.390	116-A
Viscosities:			
At 100°F	125 to 145 cs	130 to 140 cs.	
At 210°F	5.7 to 6.2 cs.	5.84 to 6.04 cs	
On each 10th lot			
Pour Point	+30°F max.	+25°F max.	100-A

Specification Correction Guide:

If both specific gravity and viscosity are out of specification, adjust to correct viscosity first. By correcting the viscosity, the specific gravity should fall into place at the same time. If the specific gravity is still out of specification, after viscosity adjustment, proceed to Step 2 below.

1. If viscosity of the batch is:
   a. HIGH at 100 or 210°F - Contact Research
   b. LOW at 100°F - Add Aroclor 1260 at 1 lb./100 lbs. each 6.0 cs.less than 125.0 cs.
      LOW at 210°F - Add Aroclor 1260 at 1.5 lbs/100 lbs/each 0.1 cs. less than 5.70 cs.
2. If specific gravity is:
   a. LOW - Contact Research
   b. HIGH - Add TCP at 1.0 lb/100 lbs/each 0.002 units specific gracity is high.

Blending:

Standard. See Process - Section III.

Toxicity & Hazards:

Normal precautions.

Issue #1: April, 1962 - Showed blending operation changes.
Issue #2: March, 1964 - DC-200 Fluid concentration reduced from 50 ppm to 20 ppm.
Issue #3: March, 17, 1964
Issue #4: September 2, 1965 - To show revised specifications
Issue #5: July 12, 1967 - Specific gravity range changed 1.340-1.380 to 1.360-1.400
Issue #6: May, 1968 - Santolube 70-A replaces Santolube 70 — Revised by: J. H. Davidson, Approved by: J. F. Herber
Issue #7: June, 1969 - Composition correction of Blue A Dye from 0.007 lb. to 0.0007 lb.