MONSANTO CHEMICAL COMPANY

ST. LOUIS, U. S. A.

ORGANIC CHEMICALS DIVISION

Formulation for Pydraul 150

Pydraul 150 is a fire resistant functional fluid in the Pydraul class especially designed for low temperature applications. The formulation is as follows for one hundred pounds of finished fluid:

69.0 pounds 2-ethylhexyl diphenyl phosphate
23.0 pounds Aroclor 1242
8.0 pounds Acryloid 710

The resulting Pydraul 150 is to be treated with fifty parts per million of silicone defoamer, DC200-350 cs. at 25°C.

Fluid prepared using such a formulation under normal manufacturing procedures should have properties within the following limits:

Appearance	Slightly hazy liquid free of sediment
Viscosity at 210°F	7.3 - 7.9 cs.
at 100°F	29 - 34 cs.
Specific Gravity, 25/25°C	1.115 - 1.135
Acidity	0.15 NN max.
Moisture	0.25% max.

This formulation will be used for large scale manufacture of Pydraul 150.

For Monsanto, approved by Roger E. Hatten 6-9-55

J. K. Mason 6/7/55

For Douglas, approved by _____

jbh

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