S44 (Rev. 5/57)

SALESMAN'S CALL REPORT

CUSTOMER'S NAME: U. S. GOVERNMENT	DATE OF CALL: 9/3/57
STREET ADDRESS: PORTSMOUTH NAVAL SHIPYARD	
CITY, ZONE AND STATE: Portsmouth, New Hampshire	
AFFILIATION:	

PERSONNEL CONTACTED (Full Name and Title)	MAILING LIST (*Show Category) *PUT ON	*TAKE OFF	SHOW "ON" OR "OFF" MEMO PAD	MAGAZINE
Mr. R. C. DeRochers - Code 253 Head of the Hydraulic Section				
Mr. P. E. Armitage - Code 253-B Hydraulic Section				

OFFICE ROUTING

Indicate routing by checking the appropriate department below

- [x] ADMIN. SERVICES
- [ ] FINE CHEMICALS
- [ ] INTERMEDIATES
- [ ] PLASTICISERS
- [ ] AG. CHEMICALS
- [ ] FARM CHEMICALS
- [ ] PETRO. CHEMS.
- [x] FUNCT. FLUIDS
- [ ] INDUST. FLUIDS
- [ ] RESINS
- [ ] PAPER CHEMS.
- [ ] SALES PROJECTS
- [ ] FILE

CC: F.H.Langenfeld St.Louis

CONTRACTS BOOKED AND ACTION REQUESTED

HSL - Here we go again!

REMARKS

FYDRAUL 150: Considerable work with this unit during the past few years has resulted in their complete approval and desire to use Fydraul 150 in the hydraulic system of the submarines now in service as well as those now being manufactured. However, the Navy Medical Department has not yet approved the toxicity of Fydraul 150, in fact, it has been turned down apparently within the past year again as forming phosgene upon decomposition and, therefore, much too hazardous to use in an enclosed ship like a submarine. Both DeRochers and Armitage have high faith in Fydraul and would like very much to see either it or something like it provided the toxicity and hazard were removed. They are, at the present time, evaluating a special blend of Gellulube which they called only Gellulube 1276. This material has not yet been cleared as far as toxicity or hazard is concerned, however, Celanese claim that this material has no chlorine present and, therefore, they have hopes of its passing the toxicity test.

I promised to check into some of the newer hydraulic fluids which we are developing to see if there are any in the lot which would pass the specification which they desire and would still be non-toxic, preferably not containing any chlorine. The specifications, I believe, are pretty well known by personnel in St. Louis, however, for reference they will desire low viscosity point at a low temperature, specifically, the curve should pass through these points - 130 ssu at 150°F. and 750 ssu at 50°F. Normal operating temperature would be about 20°F. and the pour points should be about 0° or a little below but necessarily as low as our Skydrol

(CONTINUED)

DISTRICT OFFICE	SALESMAN	DATE REC'D	DATE TYPED

MONS 080311

They suggested that on toxicity tests we discuss it with a Mr. M. E. Wenger at the Washington Naval Center. His code number is 532-D.

Does St. Louis have anything new to offer regarding this toxicity question on 150 or are there any newer products coming along which might be comparable in performance to 150 and still not be toxic?

		Rec'd	Typed
New England	Philip L. Slayton/mf	9/13	9/20

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