

LLOYD'S REGISTER OF SHIPPING

26.0.0005 *SHIP OR ENGINE FORGINGS OR CASTINGS

I have to report that the Forgings or Castings, as herein described, manufactured by Messrs. Klöckner-Humboldt- of Köln-Deutz Deutz A.G. for the Engines No. 2998639-44 being constructed by Messrs. Klöckner-Humboldt-Deutz A.G. of Köln-Deutz for the Ship No. V6M 536 being built by of have been inspected by me as set forth below, and found to be, so far as can be seen, sound and free from defects. These have been despatched to Köln-Deutz.

| ITEM | 6 connecting rods |
|----------------------|-----------------------------------|
| Identification No. | LLOYD'S KLN. 38/6-12 H.D. 9.10.61 |
| Surveyor's Initials. | H.D. |
| Materials. | Carbon steel |
| How made. | forged |
| Heat treated. | yes |
| Dimensions. | according to drawing No. 271 512 |
| Weight. | 48 kg each |
| Progress on Insp. | finished condition |
| Yield kg per sq. mm | 53.8 |
| Ult. kg per sq. mm | 79.4 |
| Elong. % on 3.5 x d | 27.0 |
| 5 x d | 29.8 |
| Reduc. of Area % | 59.5 |
| Cold Bend. | 180 degr. satisfactory |
| Brinell. | 220, 230, 205, 205, 205, 230 |
| Izod. | - |
| Final date. | 9.10.61 |

Date of approval of chemical analysis, physical properties and heat treatment in the case of special steels for reduction gearing forgings.

Waters declared analysis:-

| Other tests: | Charge No. | C% | Si% | Mn% | P% | S% |
|--------------|------------|------|------|------|-------|-------|
| | 123477 | 0.47 | 0.35 | 0.80 | 0.020 | 0.032 |

Fee :

Signature

Expenses :

*Delete where not applicable.