

HONG SENG ASSEMBLY SDN BHD

NO.7137  
JALAN SUNGAI PUYU,  
13020 BUTTERWORTH,  
PENANG.

|          |                 |
|----------|-----------------|
| Operator | ZUL             |
| Vehicle  | energy : Diesel |

| VEHICLE        | Static vertical forces : 2875 daN |             |             |               |
|----------------|-----------------------------------|-------------|-------------|---------------|
| HV             | Main                              | Emergency 1 | Emergency 2 | Parking Brake |
| Axles          | 1+2                               |             |             |               |
| Breaking force | 1749 daN                          |             |             |               |
| Efficiency     | 59 %                              |             |             |               |
| Unbalance      | (2) 9 %                           |             |             |               |
| Dissymetry     | (2) 7 %                           |             |             |               |

| AXLE (1)              | Left    | Axle      | Right   |
|-----------------------|---------|-----------|---------|
| Side Slip             |         | -2.7 m/km |         |
| vertical static force | 919 daN | 1887 daN  | 968 daN |
| SERVICE BRAKE         |         | left      |         |
| wheel locked          |         |           |         |
| Braking force         | 582 daN | 1175 daN  | 593 daN |
| Efficiency            | 63 %    | 62 %      | 61 %    |
| Dissymetry            |         | 3 %       |         |
| Unbalance             |         | 2 %       |         |

| AXLE (2)              | Left    | Axle    | Right   |
|-----------------------|---------|---------|---------|
| vertical static force | 488 daN | 988 daN | 500 daN |
| SERVICE BRAKE         |         | left    |         |
| wheel locked          |         |         |         |
| Braking force         | 274 daN | 574 daN | 300 daN |
| Efficiency            | 56 %    | 58 %    | 60 %    |
| Dissymetry            |         | 7 %     |         |
| Unbalance             |         | 9 %     |         |

| OPACITY          |          |  |
|------------------|----------|--|
| Absorption       |          |  |
| OPACITY          | 12.00 %  |  |
| K                | 0.29 m-1 |  |
| Max engine speed | 0 rpm    |  |

000 GOOD 000 ACCEPT. 000 BAD (0) Axle