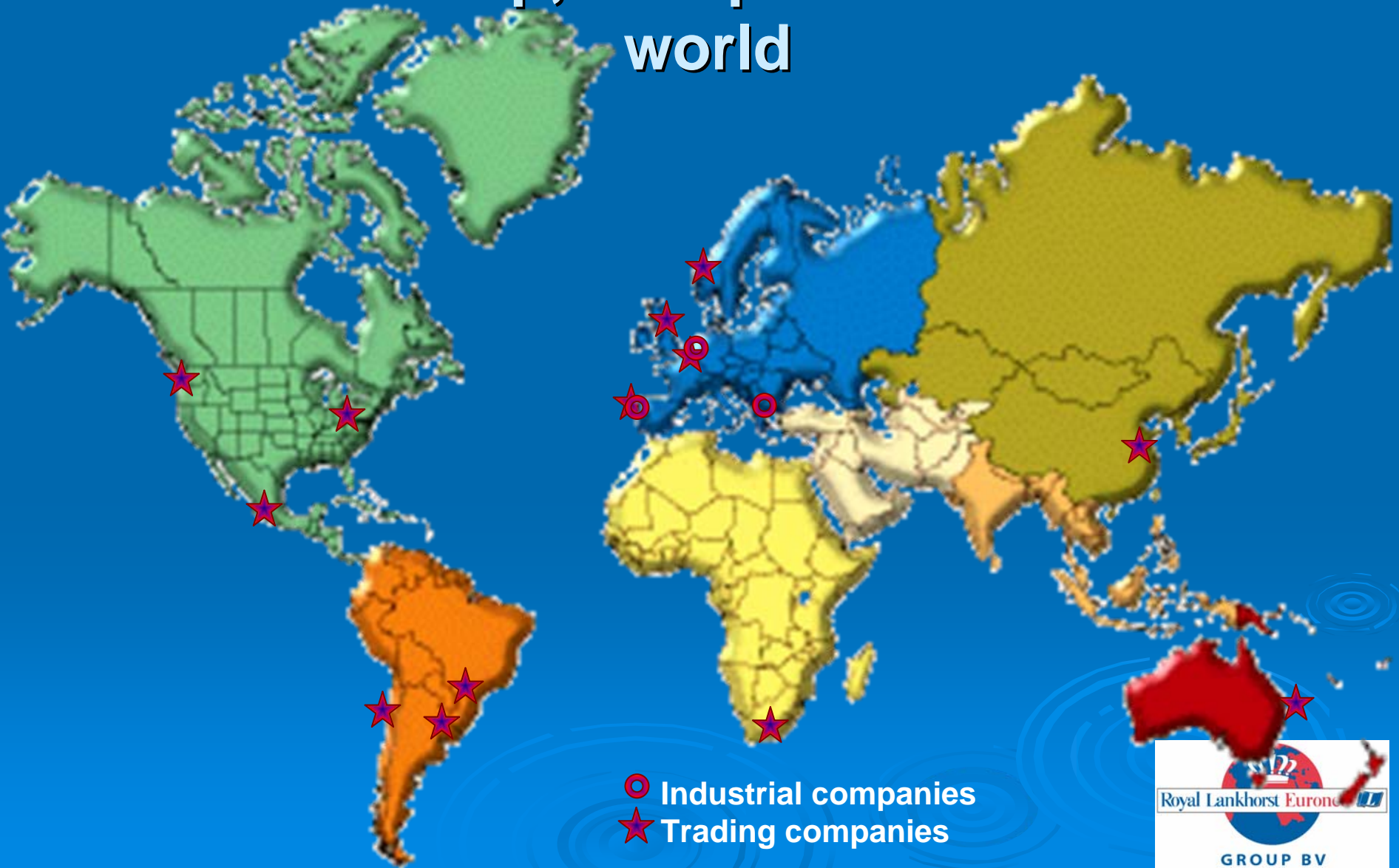




GROUP BV

Fishing Division of Royal Lankhorst Euronete Group, bv – presence around the world

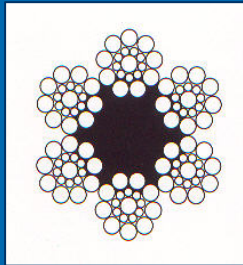


Eural Steel Wire Ropes

- Trawl wire rope made of high quality steel with a special coating of zinc and aluminium to protect from corrosion. The wire ropes are processed and constructed with latest technology, combining strength, fatigue resistance and corrosion characteristics in an excellent way. In some cases, it can reach a 30% longer life.
- The standard available EURAL ropes are the 6x19S and 6x26WS. It can be supplied with Fibre or Steel core both in round and compacted versions.

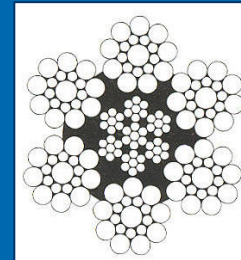
Eural Steel Wire Rope

Eural 6x19S+FC



Diam mm	Weight Kg/100m	MBF kN
12	56	78
14	76	107
16	99	139
18	125	176
20	154	218
22	187	263
24	222	313
26	261	368
28	303	427
30	347	490
32	395	557

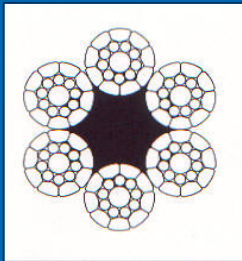
Eural 6x19S+IWRC



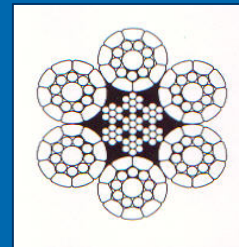
Diam mm	Weight Kg/100m	MBF kN
32	441	650
34	498	727
36	558	815
38	622	908
40	689	1006
42	759	1109
44	833	1218

Eural Steel Wire Rope

Euralpact 6x19S+FC



Euralpact 6x19S+IWRC

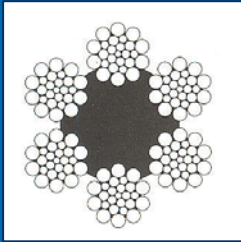


Diam mm	Weight Kg/100m	MBF kN
12	59	86
14	81	117
16	106	153
18	134	194
20	166	240
22	201	290
24	239	345
26	281	405
28	326	470
30	374	539
32	425	614

Diam mm	Weight Kg/100m	MBF kN
32	478	706
34	540	796
36	605	893
38	674	995
40	747	1102
44	823	1215

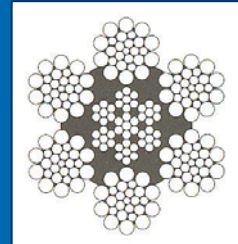
Eural Steel Wire Rope

Eural 6x26WS+FC



Diam mm	Weight Kg/100m	MBF kN
16	100	170
18	127	216
20	142	241
22	172	292
24	205	348
26	255	433
28	301	511
30	346	588
32	393	668

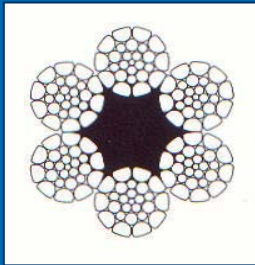
Eural 6x26WS+IWRC



Diam mm	Weight Kg/100m	MBF kN
32	441	635
34	498	717
36	558	804
38	622	896
40	689	992
42	759	1094
44	833	1200

Eural Steel Wire Rope

Euralpact 6x26WS+FC



Diam mm	Weight Kg/100m	MBF kN
16	106	175
18	134	222
20	166	248
22	201	301
24	239	358
26	281	446
28	326	526
30	374	605
32	425	687

Euralpact 6x26WS+IWRC

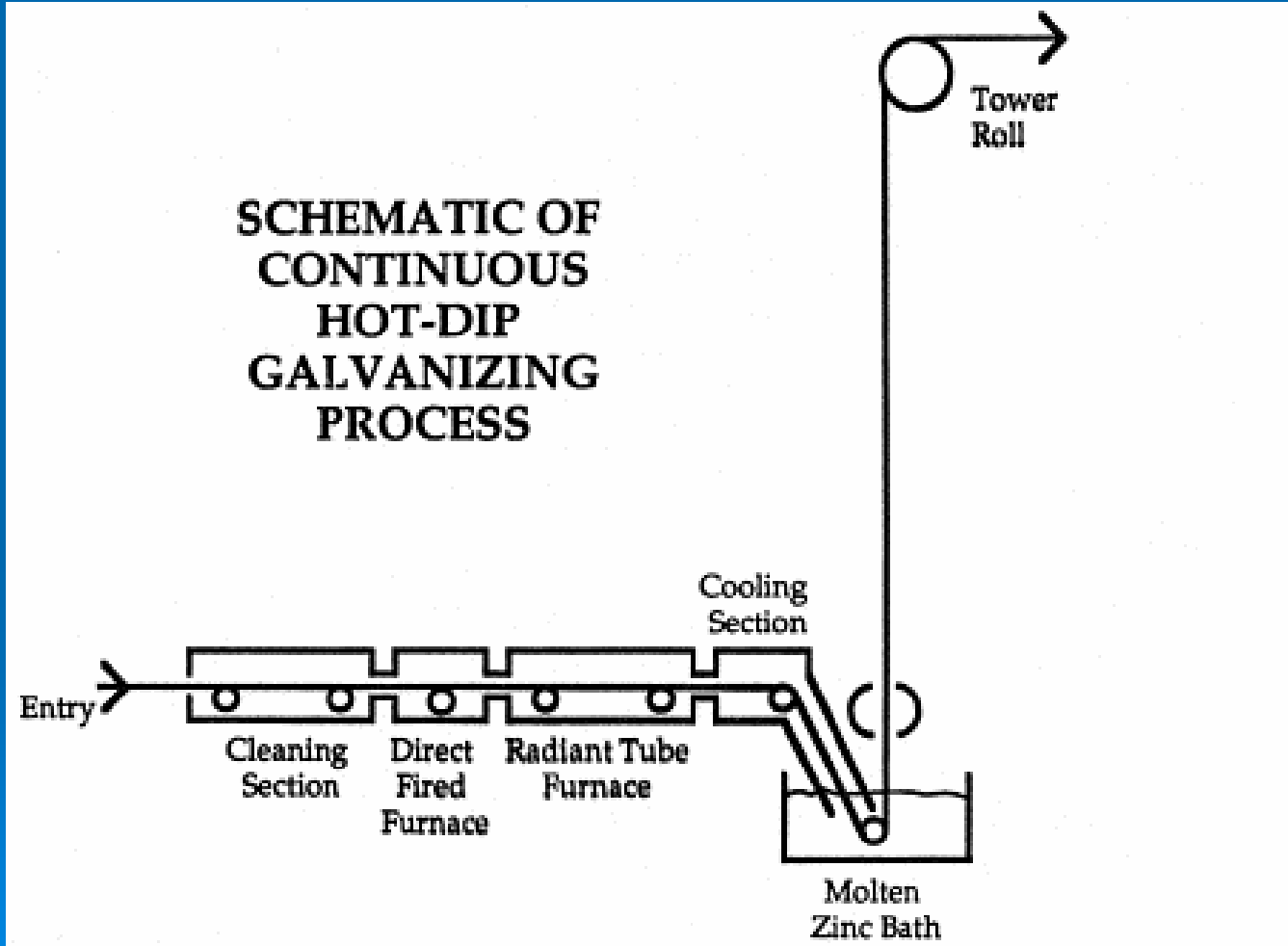


Diam mm	Weight Kg/100m	MBF kN
32	478	694
34	540	783
36	605	878
38	674	978
40	747	1084
42	823	1195

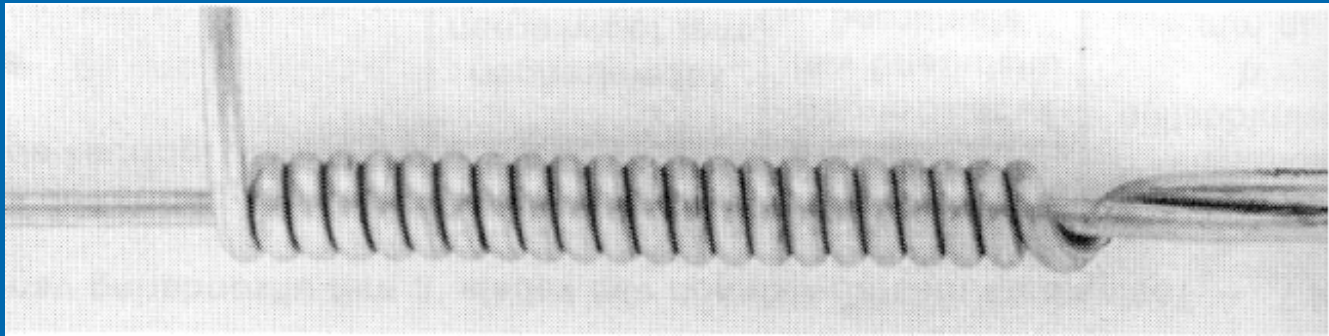
Galvanisation

- Zinc protects against corrosion (rust)
 - Protective layer
 - Less noble than steel
- Eural is zinc with 5% aluminium

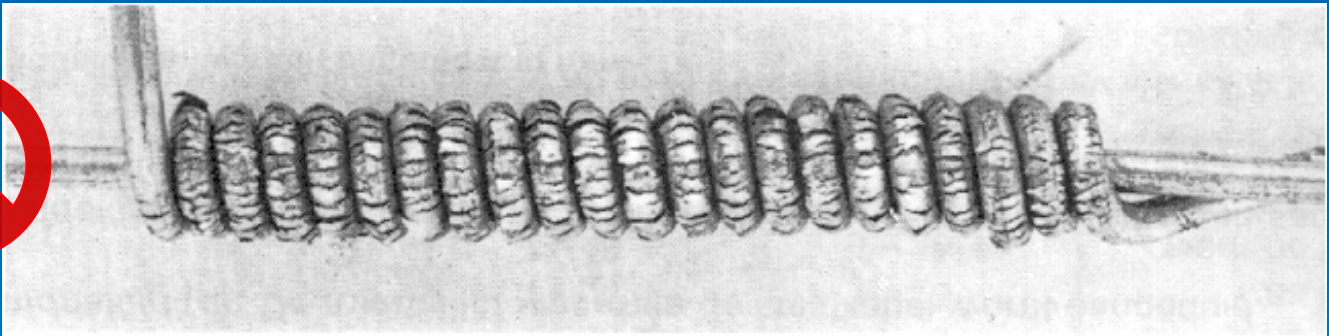
Process of hot-dip galvanisation



Testing of quality of layer of zinc

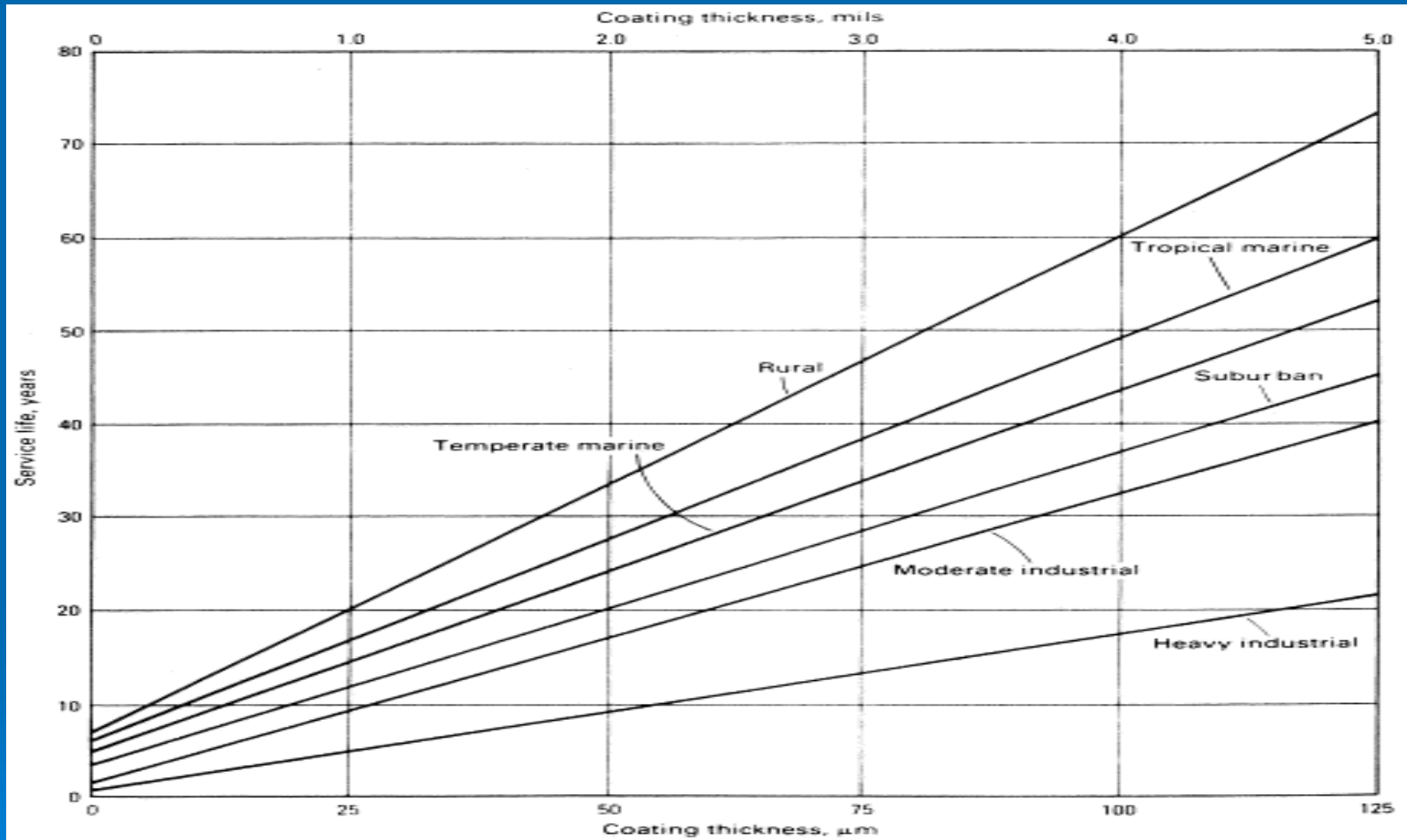


Ok

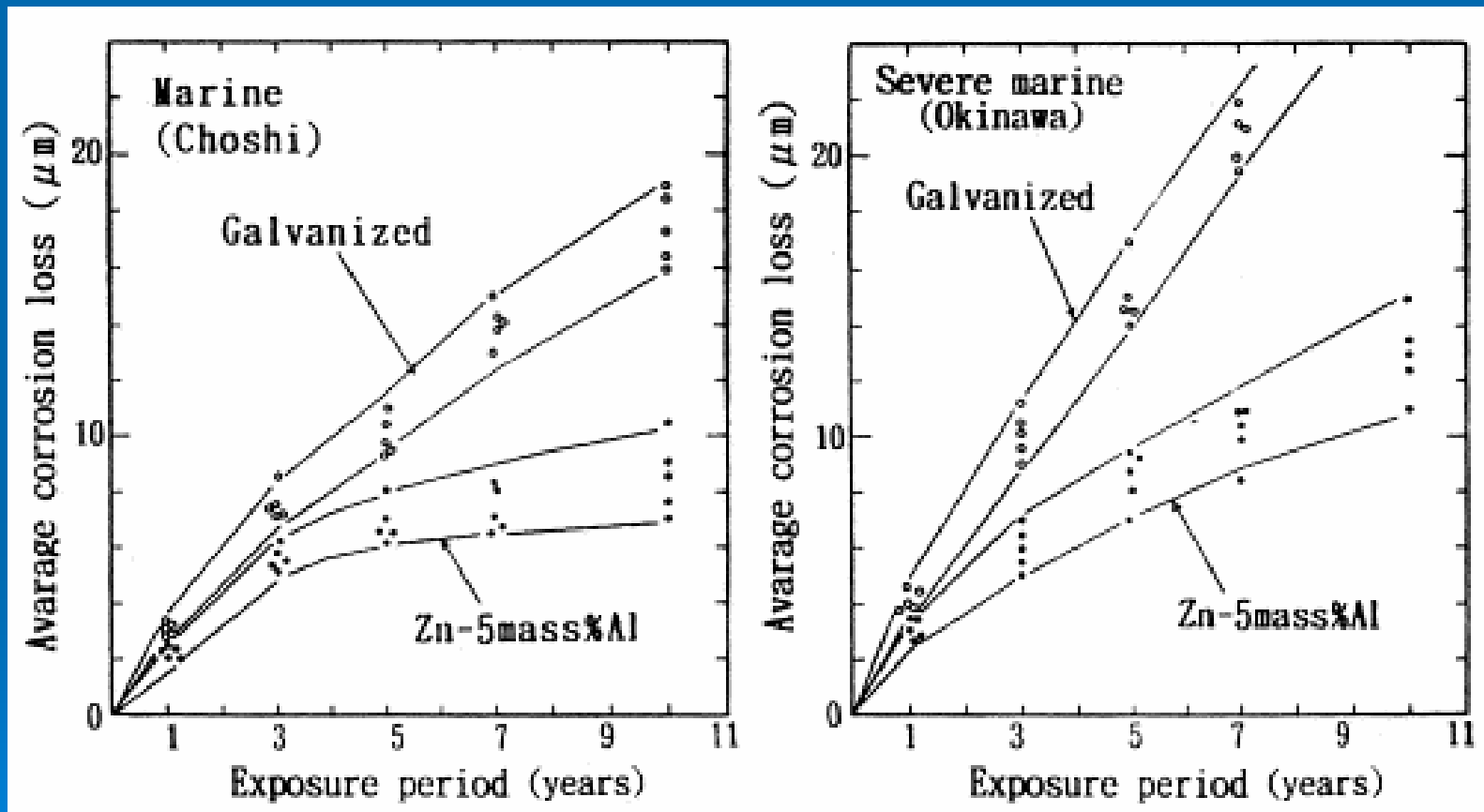


Wrong

Service life related to thickness of layer of zinc

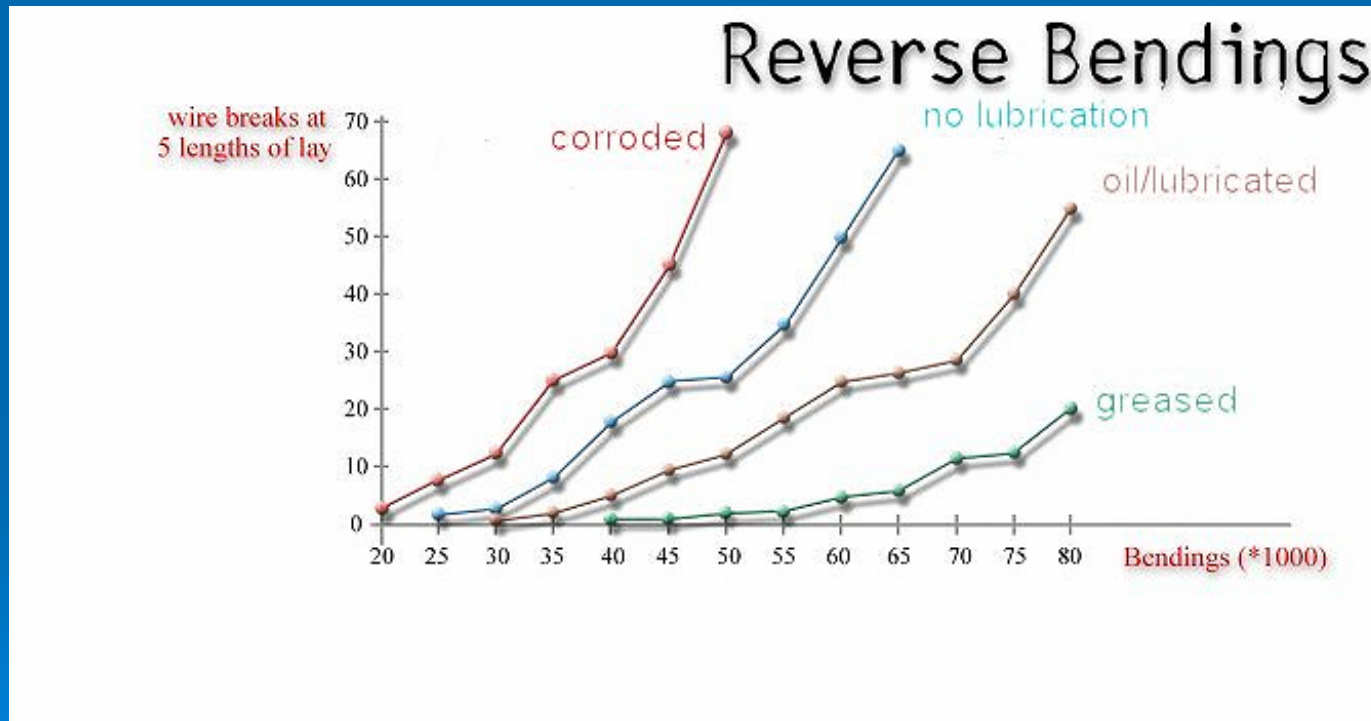


Loss of Zn(-Al) in time



Grease

- Reduction of wear and friction
- Protection against corrosion



Peanutbutter look (wrong)



Very thick greased



As it should be.....



Stadia of corrosion



New
Surface unattacked
Possibly very lightly rusted

Surface lightly attacked
No decrease wire dia

Surface attacked
Small decrease wire dia
Small gap between outer wires

Damage of surface
Wire dia decreased
Gap between wires

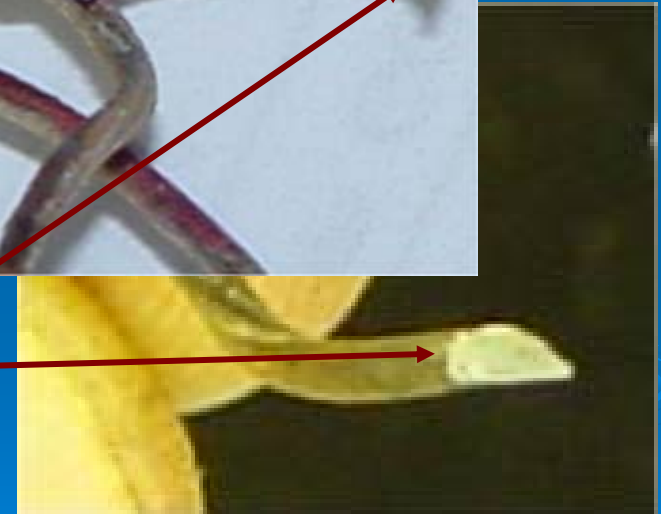
Strong damage of surface
Wire dia decreased
Gap between wires

Reject

Rejection due to rust



Shape of fracture indicates corrosion





GROUP BV

