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BONFIGLIOLI

Shell Italia S.p.A.
c. att. Ing. Claudio Balza
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Bologna 23-12-2005

Subject: Shell Tivela S 150 - 460 oils approval for Bonfiglioli gearboxes

We are pleased to inform you we have approved, after several test, the new synthetic gear lubricants range "Shell Tivela Fluids S 320" for our gearboxes applications; in our gearboxes in-house tests we had also very good results in terms of working temperature and power efficiency.

Viscosity grades recommended:

Shell Tivela S 320 for worm/gearwheel and hypoid gearboxes.

Shell Tivela S 460 for worm/gearwheel gearboxes with integrated torque limiter.

Shell Tivela S 220 for other gearboxes (parallel shaft gearboxes, helical in line and shaft mounted gearboxes)

Shell Tivela S 150 for worm/gearwheel gearboxes environment low temperature.

Yours sincerely

Bonfiglioli Riduttori

R&D Manager
Ing. E Cognigni