

# Shell Oil New Zealand Limited



CENTRAL REGION  
SEAVIEW INSTALLATION

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your ref

Our ref CBC/OC/CE1  
(C/106CBC)

Date 18 June 1990

The Chief Executive  
De-Bug Manufacturing Ltd  
P O Box 38100  
PETONE

Attention: Lindsay Forrest

Dear Sir

I thought it timely now that winter was once again with us to mention that the earlier difficulties we had encountered as a result of bacterial infested A.D.O. fuel systems appears by and large to now be under control!

Fresh reports of filter blocking and subsequent confirmation of fuel system microbiological infestation are now restricted to mobile, stationary and marine original O.E.M. systems.

It would appear that we are being referred to technical advice on how best to identify and deal with the "problem". Enquiries are generated from across the board fuel suppliers and users. Initially we were advising the physical cleaning of systems followed by approved one-off shock biocide dosing of the fuel system. However we have since found through field experience that this is not necessary unless the system is clogged with "debris", and that by merely fitting a L1000 De-Bug unit and running the system as per normal operations, the systems return to normal within a matter of days.

We have found that it is wise to encourage opening the De-Bug bowl drain daily, and inspecting/draining the residue material into a small container. This normally continues for 3-10 days of operation, depending on the system condition.

Although there is still some resistance by the uninitiated operators to accept the idea that a De-Bug unit is far easier, safer, and eventually cheaper than biocides, our associated proven experience covers - milk tanker fleets; tractor units; coastal marine diesel engines; construction equipment; line haul truck units; and stationary diesel engines.

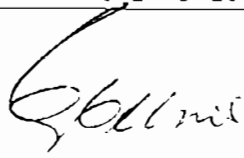
We would like to thank you for the advice and practical help you and your staff have extended toward us over the past two years in helping to eliminate

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a very difficult problem "out there" in the market place.

Best wishes.

Yours faithfully  
SHELL OIL NEW ZEALAND LIMITED

A handwritten signature in cursive script, appearing to read 'C B Collins', written over a horizontal line.

C B Collins  
FUEL AND LUBRICANTS ENGINEER