

STADEN TRUCKING AND OILFIELD MAINTENANCE
R.R. #3., MANNVILLE, ALTA
TOB 2WO
PHONE: 403-763-2183

TO WHOM IT MAY CONCERN:
RE: METALON GREASE

We operate a 100 BBL Tank Truck which we haul skim oil and produced salt water with. We were having to change our bushing in the 3" Bowie Pump approximately every 200 hours using a conventional grease; (UFA). After using Metalon Grease we have found that after a 200 hour inspection the bushings appear to be like new and we anticipate at least 400 hours service and possibly more. Upon inspection of the bushings they had a blue film on the I.D. which maintains the idea that temperature in fact draws the grease in to the wear area requiring the film strength protection.

We also found that with using the Metalon Grease we only had to grease 1/3rd as often as with the conventional grease.

Further to our testing with the Metalon Grease we discovered that when we had a packing failure in the field we pumped Metalon into the gland and it sealed off the area for the remainder of the day until we were able to replace the packing, where as with conventional grease this temporary quick fix would last no time at all.

3309B Bowie Bronze Bushings:	\$6.52 X 5/change = \$32.60
Conventional Grease:	\$4.00 per Tube
Metalon Grease:	\$8.89 per Tube Divided by 3 (3 to 1 usage as compared to Conventional Grease) \$2.97/tube

200 hrs = Average of 8 hr days = 25 days = 14.6
changes/year
using Conventional Grease 32.6 X 14.6 = \$475.96

400 hrs = Average of 8 hr days = 50 days = 7.3
changes/year
32.6 X 7.3 = \$237.98

Based on the above figures, you can see our savings by using the Metalon Grease verses the Conventional. Above figures do not include any man hour savings or downtime savings.


STADEN TRUCKING
PAT STADEN
PRESIDENT