**Mobilgrease XHP 222 Helped GPS extend re-greasing interval, decrease bearings temperature by 5°C & save 5316 EGP/Year**

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| **Situation** | |
| GPS was using Mobilux EP 2 in bearings lubrication.  Bearings average temperature was 48°C & re-greasing was done every 600 hours, re-greasing quantity was 122.5 KG for each bearing. Bearings were exposed to direct water ingress.  GPS Team aim was to optimize re-greasing quantity used & decrease overall maintenance cost. | |
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| **Recommendation** | |
| EL Zahed Lubrication Engineer recommended Mobilgrease XHP 222 with its super resistance to water washout out & spray-off.  A trial was conducted to monitor water resistance performance, bearings temperature & optimize re-greasing quantity | |
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| **Benefits**  Using Mobilgrease XHP 222 helped GPS to double the re-greasing interval & decrease bearings temperature by 5°C | |
| MIL_AP_Lock-up_R.pngMIL_AP_Lock-up_R.png | Reduce safety hazard & injuries risk by  decreasing Man-Machine interface by 36 hours/year  Eliminating 184.5 Kg/year from used grease quantity will positively impact the environment |
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\* This proof of performance is based on the experience of a single customer. Actual results can vary depending upon the type of equipment used and its maintenance, operating conditions and environment, and any prior lubricant used.

\*\*Visit mobilindustrial.com to learn how certain Mobil-branded lubricants may provide benefits to help reduce environmental impact. Actual benefits will depend upon product selected, operating conditions and applications

Mobilgrease XHP 222 decreased bearings temperature & accordingly better protection Using Mobilgrease XHP 222 helped GPS optimize grease quantity & decrease overall maintenance cost by 5316 EGP/year

**Bearing**

**GPS, Printing**

**10th of Ramadan City, Egypt**



GPS Maintanace Engineer ELZahed Lub Engineer

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