



INDUSTRIAL GEAR OILS SYNTHETIC SERIES

World Class Micro-Pitting Protection

ProOne Synthetic IGO Series is the highest quality synthetic base oil formulated with **XPL+® Extreme Pressure Lubrication** technology and unique next-generation additives that provide the best Micro-Pitting protection available on the market.

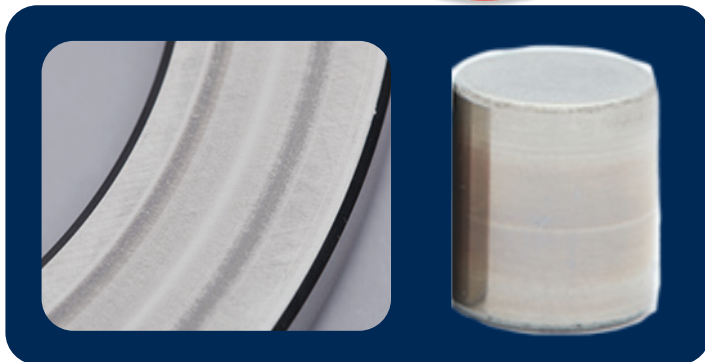
Exceeds major brand products on both the FE-8 D51819 Bearing and the FVA54 Micro-Pitting tests! Includes Low Traction energy efficient additives.

FE-8 BEARING TEST RESULTS

ProOne with

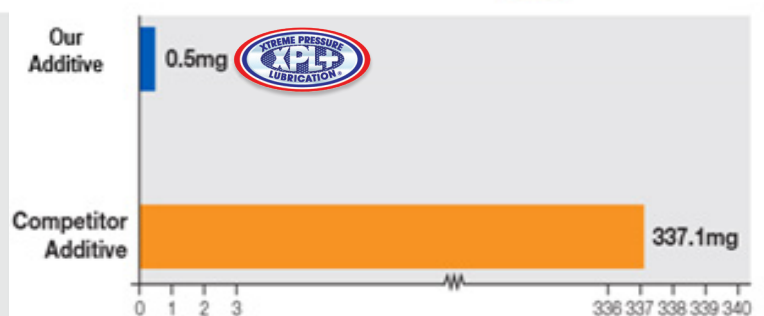
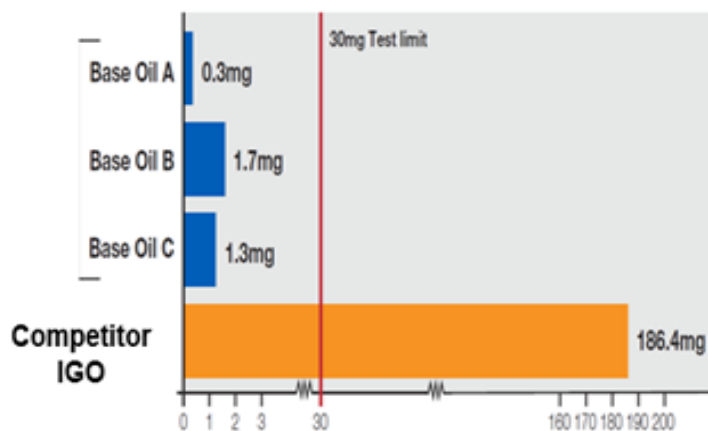


Competitor



After 80 hours

After 160 hours



* After 160hrs our IGO in base oil A still only had 0.5 mg wear, our competitor had 337.1 mg of wear particles that were removed.

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ADVANTAGES

- Ultra-High - Extreme Pressure Protection
- Outstanding results on FE-8 D51819 Bearing Test
- Exceptional Micro-Pitting Performance (FVA54 Test)
- Expertly handles Shock/Heavy loading-non-fail/stage 14 of FZG
- Superior Thermal Stability resisting sludge buildup
- Low Traction Lowers Gear Box Temperatures, Reduces Fluid Drag
- Extends Oil Life
- Lowers cost of ownership
- Less Downtime, Higher Reliability
- Continuous duty applications



MEETS OR EXCEEDS

- AGMA 9005-F16
- DIN 51517-3
- Flender GmbH Rev.15
- Chinese GB 5903 L-CKC / L-CKD
- US Steel 224
- Danieli 0.000.001 Rev 15 CKC
- David Brown S1.53.101 Type E
- Indian STD IS 8406
- Schuler Pressen GmbH DT 55 005 Ed 1
- SMS Group SN 180-3
- GM LS2 EP
- Schaeffler FAG Step 1-4
- Renk ZAN 36011 (Augsburg)
- Sumitomo Drive BUI-TEC (Hansen)
- ZF TE ML 04H
- ZF Industrieantriebe Witten ZFN-W 17-145 Rev 2

TYPICAL PROPERTIES

IGO SYNTHETIC MICRO PITTING PROTECTION PLUS LOW TRACTION	ISO 150	ISO 220	ISO 320	ISO 460
Viscosity @ 40°C / 100°C	150.20 / 22.6	219.6 / 30.2	321.8 / 41.2	460.4 / 55.3
Viscosity Index	179	179	183	188
Specific Gravity	0.886	0.887	0.894	0.896
Color	Golden	Golden	Golden	Golden
Flash Point °C	255	237	254	240
FZG Pass Load Stage	14	14	14	14