

Kumba Sishen Case Study On Benefits From Diesel Filtration

Benefits of Fine Filtration

Tests Done on Dump Trucks at 9000h

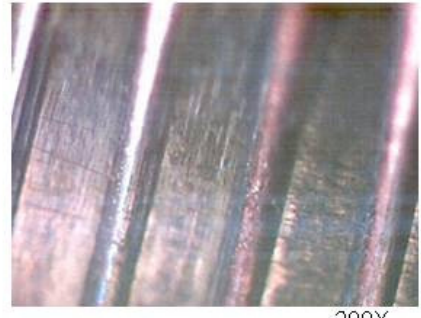
24 mg per k/g - Standard Filters



10X

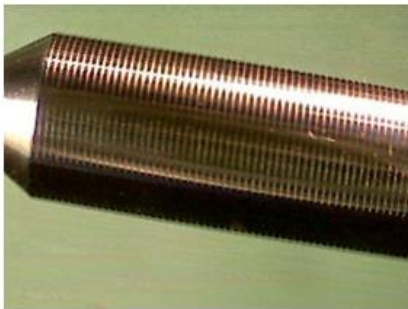


60X

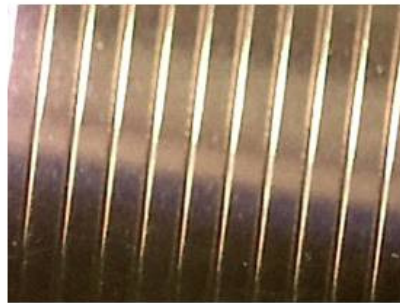


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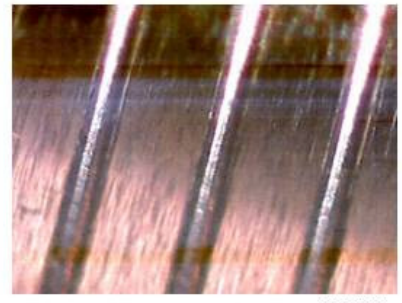
ISO 13 / 10 - Cleanliness level



10X



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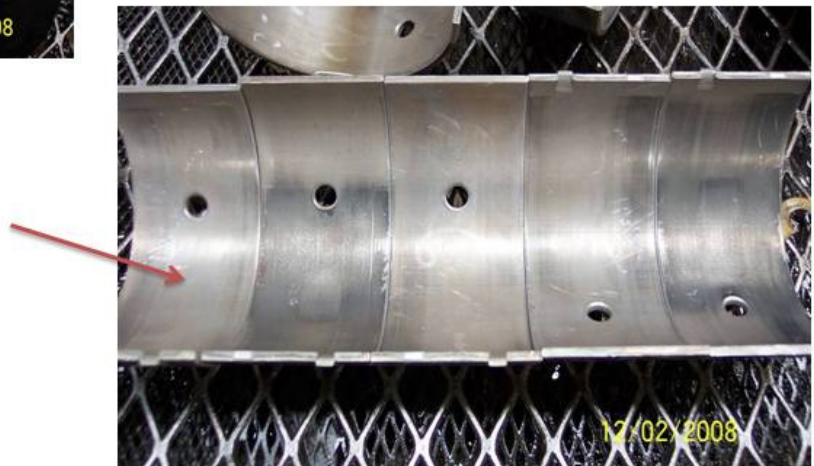


200X

Benefits of good Filtration - continued



Ref.: P Hoffmann – Kumba Sishen
Rubber Wheel Dozer **28 000 h** - First Life
One Injector and **One Turbo** Changed
Expected Life **15 000 h**



Benefits of good Filtration - continued

Ref.: P Hoffmann – Kumba Sishen

Kidney Systems on Bulk Fuel and Oil

Micro Filtration on Vehicle

V16 engine from 280 ton Dump
Truck at 26 000h on Second Life

Original injectors



Crank 52 000h **STILL** Standard

