

C.C. Jensen Off-Line Oil Filtration



R.L. BALCONI CO.
Reliability, Innovation, Integrity



C.C. JENSEN

HDU 27/108 Mobile Cart (x4-Inserts)

Mobile Filter Unit



New B 27/27 Insert



Success Story – Iron Ore Crusher

Contaminated EP150 Oil



One Pass Through the Filter



Results (With Equipment in Operation)

- ▶ Starting point ISO 26/23/18
- ▶ ISO 23/21/18 after 2 days
- ▶ ISO 20/18/14 after 1 week
- ▶ ISO 19/16/10 after 2 weeks
- ▶ Re-used the original 600 gal. of oil

99% REDUCTION
of 4 micron
particles in 2 weeks

Optical Particle Classification Results

Sample Date	Visc Index	Water %	Code	> 4μ	> 6μ	> 14μ
2015/05/15	94	< 0.001				
2022/03/30	91	N	19 / 16 / 10	4343	565	9
2022/03/24	89	N	20 / 18 / 14	9427	1871	92
2022/03/18	92	N	23 / 21 / 18	59962	14500	1389
2022/03/16	95	N	26 / 23 / 18	369272	59034	2486

Used Inserts

- ▶ Instances of inserts being able to hold 20 lbs. of dirt EACH
 - ▶ A customer let a used set of inserts dry out for one week
 - ▶ Each insert weighed about 30 lbs.
 - ▶ A new insert weighs about 10 lbs.

Sample Used Inserts with ~50% Life Left Based on Pressure



Success Story – Aggregate Crusher



Start-Up



One Week

ISO 68 Oil

Results (With Equipment in Operation)

- ▶ Starting point ISO 26/25/21
- ▶ ISO 21/20/16 after about 2 days
- ▶ ISO 19/17/14 after about 2 weeks
- ▶ NEW condition 250 gal. of oil after 2 weeks

