

Client: C&C Recycling Ltd.
Profile: Paper recycling facility
Machine: Bollegraaf baler
Machine type: Paper baler
Oil: Hydraulic fluid (mineral)
Type: ISO VG 46
Reservoir: 1,100 litres
Operating temp: 35 degC



Type of NTZ system fitted:	OLFS29/1
Particle count before NTZ :	ISO 21/19/16
Particle count after NTZ :	ISO 18/15/11
% Dirt Reduction:	92%

The environment at paper recycling facilities is often full of airborne dust from the recycling processes.

This dust, as well as other contaminants in the air, can infiltrate the hydraulic system on the machines. Combined with existing contamination in the machine, they cause damage to components and shorten the life of the hydraulic oil.

C&C Recycling took the decision to fit NTZ to prolong the life of their oil, which they traditionally replaced every 12 months during their annual January shutdown. As the results on the left show, the contamination in the system has been significantly reduced to a level where the oil does not need replacing. It is anticipated that oil life will be extended by 3 to 4 times.

C&C Recycling is part of Veolia Environmental Services (UK) plc. Veolia employs 13,000 people in the UK and provides waste collection, recycling waste treatment and street cleansing services for 73,000 UK commercial and industrial customers.

