

Hi-Top 10w-30 Hydraulic Oil

MEGA DISTRIBUTORS

CASE STUDY



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|-------------------------------|----------------------------|
| Type of Business: | Steel Mill |
| City | Wollongong |
| Country | Australia |
| Sales Rep / Marketing Manager | Vijay Eyunni / Chris Nixon |

Vijay Eyunni / Chris Nixon Problem: Leaking hydraulic system – Pickle line

The role of the Pickle Line in the steel coil making process, is to remove any rust or scale from the surface of the strip using hydrochloric acid. It leaves the metal surface bright and shiny to allow for metal coating and further processing.
The aging Pickle line at Bluescope Steel was suffering from excessive hydraulic oil leakage from its exit end accumulator.
The leakage rate of conventional hydraulic oil was 500L / day.
Resulting in total leakage of up to 182,500L / year. The cost of oil alone was upwards of \$547,500 / year.
The cost of removal of the waste oil was \$80/1000L. This added \$14,600/year to the total running cost.
The total cost of the leaks from this accumulator was approx **\$560,000/year!**

After using Hi-Top 68 Current leakage rate has been reduced to 1000L/month or 12000L/year. A reduction of 93% loss compared to the original oil. The total cost of Hi-Top oil is \$192,000 / year. The cost of waste oil removal is now only \$1000.
This adds up to a total cost of \$193,000 per year compared to the original total oil cost of \$560,000 per year.
This gives Bluescope Steel a saving of \$360,000 per year when compared to the original oil!

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