

ALL TESTING CONDUCTED BY:

FINAL REPORT
THIS REPORT AND DATA WITHIN HAS
COMPLETED QA/QC REVIEW.



CLARK
TESTING

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DURAVI HYDRAULIC OIL ADDITIVE

FOAM TEST

ASTM D892

BASELINE MEDIA: WOCO AW 46 w/t Duravi Gear Oil Additive **DATE CONDUCTED:** 16 FEB 2017

Foam Test		Test Code: D892 / Method: D892
Result Date	02/16/2017	
5 Min Blowing - Sequence 1	mL	40
5 Min Blowing - Sequence 2	mL	20
5 Min Blowing - Sequence 3	mL	300
10 Min Settling - Sequence 1	mL	0
10 Min Settling - Sequence 2	mL	0
10 Min Settling - Sequence 3	mL	0
Total Volume of Air - Seq. 1	mL	477
Total Volume of Air - Seq. 2	mL	472
Total Volume of Air - Seq. 3	mL	479

The Foam Test measures the foaming tendency of a lubricant.

The tendency of oils to foam can be a serious problem in systems such as high-speed gearing, high-volume pumping, and splash lubrication leading to inadequate lubrication, cavitation, and overflow loss of lubricant.

This test evaluates oils for such operating conditions.

- Sequence I measures the foaming tendency and stability at 24°C (75°F).
- Sequence II uses 93.5°C (200°F).
- Sequence III uses the same conditions as Sequence I, except it's performed on fluid that has just been measured in Sequence II.

The fluid sample from Sequence I isn't used in Sequence II.

The fluid sample used in Sequence II is carried into Sequence III.