



# Hensley Curved Grader Blades - A wear life on par with the best

## APPLICATION

Road Maintenance

## MACHINE

Caterpillar 16H Motor Grader

## SOLUTION

Hensley Curved Grader Blades

## RESULTS

▷ **Outstanding wear life:** Hensley’s curved grader blades have a wear life on par with the machine manufacturer’s blades.

▷ **Cost reduction:** Similar blade performance for a lower price.

Hensley’s curved grader blades can be used in most construction, finish grading and road maintenance applications. Curved blades provide good penetration and stay sharp longer than flat edges. However, for severe applications, flat blades are recommended for their higher performance and additional wear material.

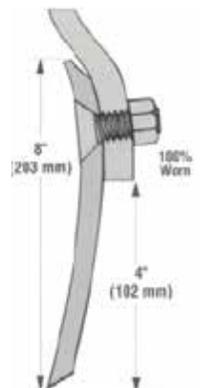
A Southeast Asian customer was testing Hensley’s curved grader blade against the machine manufacturer’s OEM curved grader blade in a road maintenance application. Both blades were mounted on the same motor grader moldboard (16 feet long moldboard and 8 feet long grader blades) to ensure that they were tested under the same ground condition. Both blades had the same overall dimensions (width 203.2 mm) and maximum wear limit (102 mm) – see below picture. The wear measurements were taken from three different positions on each blade. Chart below shows wear life of the Hensley grader blade vs OEM grader blade. Hensley blades had better wear life on 2 of the 3 positions.

## BLADE MEASUREMENTS AFTER 352 HOURS

MEASUREMENT / MM	POSITION 1		POSITION 2		POSITION 3	
	HENSLEY	OEM	HENSLEY	OEM	HENSLEY	OEM
MEASUREMENT / MM	<b>120</b>	118	<b>127</b>	124	125	<b>126</b>
WORN %	<b>82%</b>	84%	<b>72%</b>	78%	77%	<b>76%</b>

**NOTE:** Blade width - max is 203.2 mm and wear limit is 102 mm

## BLADE DIMENSIONS



Based on the field test results, Hensley’s curved motor grader blades have a wear life on par with the machine manufacturer’s blades and therefore provide superior value.

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