



18-Month Corrosion Study Performed by Mack Truck and McNeilus Corporations

Truck/Mixer Part	Part Cost	Expected Life Span	EMS SynTech	50% HCl Acid	25% HCl Acid	10% HCl Acid	65% PHOS Acid	40% PHOS Acid	20% PHOS Acid
Roller	\$202	3 years	3 years	3 months	4.5 months	7 months	4 months	6 months	11 months
Main Chute	\$315	6+ years	6+ years	1 year	1.5 years	2.5 years	1.5 years	2.5 years	4 years
Ram	\$138	5 years	5 years	3 months	4.5 months	7 months	4 months	8 months	1.5 years
Mac Valve	\$110	5 years	5 years	4 months	6 months	9 months	6 months	9 months	1.5 years
Front Pedestal	\$1,300	30+ years	30+ years	8 months	1.5 years	2.5 years	2 years	2.5 years	3.5 years
Rear Pedestal	\$5,400	30+ years	30+ years	8 months	1.5 years	2.5 years	2 years	2.5 years	3.5 years
Hopper	\$314	7+ years	7+ years	2 years	3 years	4.5 years	3 years	5 years	6 years
Fender Top	\$105	5+ years	5+ years	1 year	1.5 years	2.5 years	1.5 years	2.5 years	3.5 years
Fender Tail	\$87	5+ years	5+ years	7 months	10 months	1.5 years	10 months	1.5 years	2 years
Tip up Cylinder	\$163	6 years	6 years	3 months	4.5 months	7 months	4 months	6 months	10 months
Fuel Tank Strap	\$35	20+ years	20+ years	4 years	6 years	9.5 years	6 years	8 years	12 years
Tail Lamp	\$25	20+ years	20+ years	1 year	1.5 years	2 years	1.5 years	2 years	2.5 years
Light Harness	\$60	20+ years	20+ years	1 year	1.5 years	2.5 years	1.5 years	2.5 years	3.5 years
Rear Harness	\$420	20+ years	20+ years	1 year	1.5 years	2.5 years	1.5 years	2.5 years	4 years
Cab Harness	\$580	30+ years	30+ years	4 years	6 years	9 years	6 years	7 years	10 years
Cab Shell	\$6,700	30+ years	30+ years	6 months	8 months	1 year	1 year	1.5 years	2 years
Cab Door Shell	\$450	30+ years	30+ years	6 months	8 months	1 year	1 year	1.5 years	2 years
Battery Box	\$240	20+ years	20+ years	2 years	3 years	4 years	3 years	5 years	7 years
Cross Member	\$389	20+ years	20+ years	3 years	4.5 years	7 years	4.5 years	6 years	8 years
Trunion	\$1,564	15+ years	15+ years	1 year	1.5 years	2.5 years	1.5 years	2.5 years	4 years
Mixer Paint	\$3,500	10+ Years	10+ Years	6 months	1 year	2.5 years	1.5 years	2 years	3.5 years
Chassis Paint	\$1,500	15+ Years	15+ Years	6 months	1 year	2.5 years	1.5 years	2 years	3.5 years
Cab Paint	\$2,700	20+ Years	20+ Years	6 months	1 year	2.5 years	1.5 years	2 years	3.5 years

The test was performed with a 1998 Mack DM Model with a McNeilus 10-yard rear discharge mixer.

Parts prices reflect value at the time of the study and do not include down time and labor.

The test showed that EMS products had no negative effect on painted surfaces earning us the approval of DuPont™ and Akzo Nobel paints and coatings in addition to Mack Trucks, McNeilus, Oshkosh, and Volvo.



For the dealer nearest you call 877-424-6979 or visit us at www.enviromfg.com for more details on our products and other OEM approvals.