

**CORRISION STUDY BY MAC TRUCKS AND McNELIUS MIXERS**  
**SHOWING RESULTS OF AN 18 MONTH STUDY OF USING ACID TO CLEAN CONCRETE FROM TRUCKS**

TRUCK/ MIXER PART	PART COST	EXPECTED LIFE	50% HCL ACID	25% HCL ACID	10% HCL ACID	65% PHOS ACID	40% PHOS ACID	20% PHOS ACID
ROLLER	\$ 202	3 YEARS	3 MONTHS	4.5 MONTHS	7 MONTHS	4 MONTHS	6 MONTHS	11 MONTHS
MAIN CHUTE	\$ 315	5+ YEARS	1 YEAR	1.5 YEARS	2.5 YEARS	1.5 YEARS	2.5 YEARS	4 YEARS
RAM	\$ 138	5 YEARS	3 MONTHS	4.5 MONTHS	7 MONTHS	4 MONTHS	8 MONTHS	1.5 YEARS
MAC VALVE	\$ 110	5 YEARS	4 MONTHS	6 MONTHS	9 MONTHS	6 MONTHS	9 MONTHS	1.5 YEARS
FRONT PEDESTAL	\$ 1,300	30+ YEARS	8 MONTHS	1.5 YEARS	2.5 YEARS	2 YEARS	2.5 YEARS	3.5 YEARS
REAR PEDESTAL	\$ 5,400	30+ YEARS	8 MONTHS	1.5 YEARS	2.5 YEARS	2 YEARS	2.5 YEARS	3.5 YEARS
HOPPER	\$ 314	7+ YEARS	2 YEARS	3 YEARS	4.5 YEARS	3 YEARS	5 YEARS	6 YEARS
FENDER TOP	\$ 105	5+ YEARS	1 YEAR	1.5 YEARS	2.5 YEAR	1.5 YEARS	2.5 YEARS	3.5 YEARS
FENDER TAIL	\$ 87	5+ YEARS	7 MONTHS	10 MONTHS	1.5 YEARS	10 MONTHS	1.5 YEARS	2 YEARS
TIP UP CYLINDER	\$ 163	6 YEARS	3 MONTHS	4.5 MONTHS	7 MONTHS	4 MONTHS	6 MONTHS	10 MONTHS
FUEL TANK STRAP	\$ 35	20+ YEARS	4 YEARS	6 YEARS	9.5 YEARS	6 YEARS	8 YEARS	12 YEARS
TAIL LAMP	\$ 25	20+ YEARS	1 YEAR	1.5 YEARS	2 YEARS	1.5 YEARS	2 YEARS	2.5 YEARS
LIGHT HARNESS	\$ 60	20+ YEARS	1 YEAR	1.5 YEARS	2.5 YEARS	1.5 YEARS	2.5 YEARS	3.5 YEARS
REAR HARNESS	\$ 420	20+ YEARS	1 YEAR	1.5 YEARS	2.5 YEARS	1.5 YEARS	2.5 YEARS	4 YEAR
CAB HARNESS	\$ 580	30+ YEARS	4 YEARS	6 YEARS	9 YEARS	6 YEARS	7 YEARS	10 YEARS
CAB SHELL	\$ 6,700	30+ YEARS	6 MONTHS	8 MONTHS	1 YEAR	1 YEAR	1.5 YEARS	2 YEARS
CAB DOOR SHELL	\$ 450	30+ YEARS	6 MONTHS	8 MONTHS	1 YEAR	1 YEAR	1.5 YEARS	2 YEARS
BATTERY BOX	\$ 240	20+ YEARS	2 YEARS	3 YEARS	4 YEARS	3 YEARS	5 YEARS	7 YEARS
CROSS MEMBER	\$ 389	20+ YEARS	3 YEARS	4.5 YEARS	7 YEARS	4.5 YEARS	6 YEARS	8 YEARS
TRUNION	\$ 1,564	15+ YEARS	1 YEAR	1.5 YEARS	2.5 YEARS	1.5 YEARS	2.5 YEARS	4 YEARS
MIXER PAINT	\$ 3,500	10+ YEARS	6 MONTHS	1 YEAR	2.5 YEARS	1.5 YEARS	2 YEARS	3.5 YEARS
CHASIS PAINT	\$ 1,500	15+ YEARS	6 MONTHS	1 YEAR	2.5 YEARS	1.5 YEARS	2 YEARS	3.5 YEARS
CAB PAINT	\$ 2,700	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 TRUCK WITH A McNEILUS 10 YARD REAR DISSCHARGE MIXER.  
PARTS PRICES REFLECT VALUE AT THE TIME OF THE STUDY AND DO NOT INCLUDE DOWNTIME AND LABOR