

Models: Allison Series				
Elements		Normal	Abnormal	Critical
Fe	Iron	<150	150-200	>200
Cr	Chromium	<15	15-20	>20
Pb	Lead	<120	120-200	>200
Cu	Copper	<150	150-200	>200
Sn	Tin	<20	20-25	>25
Al	Aluminum	<30	30-50	>50
Ni	Nickel	<5	5-10	>10
Ag	Silver	<20	20-40	>40
Mn	Manganese	*	*	*
Si	Silicon	<10	10-20	>20
B	Boron	<250	250-350	>350
Na	Sodium	<30	30-60	>60
Mg	Magnesium	<20	20-40	>40
Ca	Calcium	>15	15-10	<10
Ba	Barium	*	*	*
P	Phosphorus	>125	125-75	<75
Zn	Zinc	<50	50-75	>75
Mo	Molybdenum	*	*	*
Ti	Titanium	*	*	*
V	Vanadium	*	*	*
K	Potassium	<15	15-35	>35
Viscosity TranSynd		6.3-8.9	5.6-6.3/8.9-9.4	<5.6/>9.4
Viscosity Dexron III/Mercon		5.9-8.1	5.2-5.8/8.2-8.8	<5.2/>8.8
Water		0.2% Maximum		
Soot %		NA	NA	NA
Fuel Dilution %		NA	NA	NA
Glycol		No Trace Allowed		
Nitration		<20	21-25	>25
Oxidation		<20	21-25	>25
TAN "Total Acid #"		<4.0	4.0-5.0	>5.0
TBN "Total Base #"		NA	NA	NA
Karl Fisher PPM (Purple Test Only)		<1000	1000-9000	10000
Particle Count (Purple Test Only)		<24/23/22	24/23/22	>26/25/24

Note: This table should be used as a general guide only. These are recommendations for all Allison Transmissions.

Note: * Lab test for these elements, but they are not normally found in transmission applications.