

Grease Color vs. Contamination

Grease Color	Cotamination	Recommendation	Grease Consistency
White	None	Grease in good condition.	
Gray	0.0 – 0.1% iron	Grease is in good condition. Normal wear in bearing.	
Tan	0.1 – 0.4% iron	Add grease until cavity is full. Bearing OK.	
Brown	0.4 – 0.8% iron	Flush bearing with grease. Check bearing play for excess wear.	
Dark Brown	0.8% and higher	Check bearing for play and noise. If OK flush with grease. If bearing is NOT OK, schedule bearing change.	
Black		Replace bearing.	