

Baldor•Dodge Gearing (Excluding Tigear-2): General Oil Sampling Guidelines

C.O. Engineering - Gearing
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Oil analysis guidelines for lubricant samples taken from a Baldor•Dodge gearbox (excluding Tigear-2) are found in Table 1 below.

Table 1: Gearbox Oil Analysis Guidelines

Element	Abnormal Level [ppm]	Critical Level [ppm]
Al	20	40
Cr	20	40
Cu	250	600
Fe	250	600
Pb	50	100
Sn	20	40
Si	50	100
H2O	0.2%	>1.0%

*Please note: Oil samples may indicate high levels of Calcium, Magnesium, Phosphorous, or Zinc. These are common oil additives and may not be indicative of gear wear or oil breakdown.