

114.2 - Lubricating Oils

PLEASE NOTE: The tables are presented to facilitate comparisons among a family of materials to help customers select the best SRM for their needs. For specific values and uncertainties, the certificate is the only official source.

	1085c	1818a	1819a	1848
Description >>	Wear Metals in Lubricating Oil	Chlorine in Lubricating Base Oils	Sulfur in Lubricating Base Oil	Lubricating Oil Additive Package
Unit Size >>	10 ampoules (1.2 g each)	set (5)	set (5)	100 g

Elemental Composition (mass fraction in mg/kg unless noted by an asterik * for %)

Aluminum	292			
Barium	306			
Boron	304			0.137*
Cadmium	301			
Calcium	299			0.359*
Chlorine	(120)	31.6, 60.0, 78.2, 154.4, 234.0		927
Chromium	302			
Copper	298			
Hydrogen				12.3*
Iron	301			
Lead	303			
Magnesium	300			0.821*
Manganese	299			
Molybdenum	305			
Nickel	306			
Nitrogen				0.57*
Phosphorus	304			0.788*
Potassium	295			
Silicon	293			
Sodium	300			
Sulfur			423.5, 741.1, 4022, 4689, 6135	2.3270*
Tin	298			
Titanium	300			
Vanadium	285			
Zinc	285			0.873*

- Certified values are normal font
- Non-certified or reference values are italicized
- Non-certified values in parentheses are for information only