



CERTIFICATE OF ACCREDITATION

The ANSI National Accreditation Board

Hereby attests that

COPEC S.A.
Laboratorio de Control de Calidad Quintero (LCCQ)
Camino Costero 1111, El Bato, Quintero
Valparaíso, Chile
(and the satellite locations listed on the scope)

Fulfills the requirements of

ISO/IEC 17025:2017

In the field of

TESTING

This certificate is valid only when accompanied by a current scope of accreditation document.
The current scope of accreditation can be verified at www.anab.org.

Jason Stine, Vice President

Expiry Date: 10 March 2026

Certificate Number: AT-2858



This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017.
This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory
quality management system (refer to joint ISO-ILAC-IAF Communiqué dated April 2017).

SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

COPEC S.A.

Laboratorio de Control de Calidad Quintero (LCCQ)

Camino Costero 1111, El Bato, Quintero

Valparaíso, Chile

Cynthia Muñoz + 56 9 6381 2663 +56 9 9327 4090

cemunoz@copec.cl www.copec.cl

TESTING

Valid to: **March 10, 2026**

Certificate Number: **AT-2858**

Chemical

Specific Tests and/or Properties Measured	Specification, Standard, Method, or Test Technique	Items, Materials or Product Tested	Key Equipment or Technology
Moisture in lubricating oils	AM-S 449	Oils and Greases Lubricants and Specialties	Hot Plate
Standard Test Method for Flash and Fire Points by Cleveland Open Cup Tester	ASTM D92	Oils and Greases Lubricants and Specialties	Flash Point
Standard Test Method for Pour Point of Petroleum Products (Automatic Pressure Pulsing Method)	ASTM D5949	Oils and Greases Lubricants and Specialties	Pour Point
Standard Test Method for Kinematic Viscosity of Transparent and Opaque Liquids (and Calculation of Dynamic Viscosity)	ASTM D445	Oils and Greases Lubricants and Specialties	Viscometer
Standard Test Method for Foaming Characteristics of Lubricating Oils	ASTM D892	Oils and Greases Lubricants and Specialties	Foaming Test
Standard Test Method for Apparent Viscosity of Engine Oils and Base Stocks Between -5 and -35°C Using Cold-Cranking Simulator	ASTM D5293	Oils and Greases Lubricants and Specialties	CCS

Satellite Site

COPEC S.A.

Laboratorio de Servicio Técnico Quintero (LSTQ)

Camino Costero 1111, El Bato, Quintero

Valparaíso, Chile

Cynthia Muñoz + 56 9 6381 2663 +56 9 9327 4090

cemunoz@copec.cl www.copec.cl

Chemical

Specific Tests and/or Properties Measured	Specification, Standard, Method, or Test Technique	Items, Materials, or Product Tested	Key Equipment or Technology
Kinematic Viscosity of Transparent and Opaque Liquids (and the Calculation of Dynamic Viscosity)	ASTM D445	In-Service Lubricants	Automatic Viscometer
Determination of Additive Elements, Wear Metals, and Contaminants in Used Lubricating Oils by Coupled Plasma Atomic Emission Spectrometry (ICP-AES) (Ag, Al, B, Ca, Cr, Cu, Fe, K, Mg, Mo, Na, Ni, P, Pb, Si, Sn, Ti, Va, Zn)	ASTM D5185	In-Service Lubricants	ICP
Automatic Particle Counting of Lubricating and Hydraulic	ASTM D7647 ISO 4406	In-Service Lubricants	Automatic Particle Counting
Determination of oxidation, soot, sulphating, glycol and nitration by IR	ASTM E2412	In-Service Lubricants	IR
Determination of Wear Metals, and Contaminants in Used Lubricating Oils or Used Hydraulic Fluids by Rotating Disc Electrode Atomic Emission Spectrometry (Ag, Al, B, Ba, Ca, Cd, Cr, Cu, Fe, K, Mg, Mn, Mo, Na, Ni, P, Pb, Si, Sn, Ti, V, Zn)	ASTM D6595	In-Service Lubricants	RDE

Satellite Site

COPEC S.A. Laboratorio de Servicio Técnico Antofagasta (LSTA)

Pedro Aguirre Cerda 12968

Antofagasta, Chile

Cynthia Muñoz + 56 9 6381 2663 +56 9 9327 4090

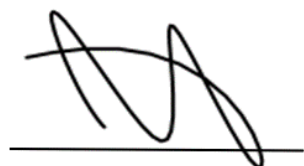
cemunoz@copec.cl www.copec.cl

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Note:

- This scope is formatted as part of a single document including Certificate of Accreditation No. AT-2858.



Jason Stine, Vice President