



Agência Nacional do Petróleo, Gás Natural e Biocombustíveis
Superintendência de Biocombustíveis e Qualidade de Produtos
Centro de Pesquisas e Análises Tecnológicas
Coordenação de Petróleo, Lubrificantes e Produtos Especiais

ADDITIVE PACKAGES

ANP RESOLUTION NO. 804, OF 12.20.2019 - DOU 12.23.2019

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ANP Resolution (RANP) No. 804/2019 defines criteria for obtaining registration for greases and lubricating oils to be sold in Brazil, the responsibilities and obligations of registration holders, lubricant producers and importers, as well as the prohibitions for these agents and for distributors and resellers.

One of the main requirements for the registration of automotive lubricating oils is the **declared performance certificate for the additive package**, which must be issued by the package manufacturer. Until 2021, these products were supplied by four companies that developed performance additives (AFTON, INFINEUM, LUBRIZOL, and CHEVRON-ORONITE), which are part of **ABRAFA** (Brazilian Association of Additive Manufacturers).

The growth of the Brazilian lubricants market, as well as the drop in the non-compliance rate in recent years, attracted the interest of new companies supplying automotive performance additives. Starting in 2021, these companies contacted the ANP to market their additives.

After meetings with these companies and verification of their production and technological capabilities, based on § 2 of Article 7 of RANP 804/2019—which states that, at the discretion of the ANP, other tests and documents may be requested to prove benefits, characteristics, and performance declared on the label or in other submitted documents—the ANP adopted the practice of evaluating engine test reports that proved the performance of the packages to be marketed. However, the significant increase in these new market entrants prompted the ANP to better understand the process of development, testing, and industrial-scale production of these products.

It should be noted that the performance classifications established by the **API and ACEA** are used worldwide and are directly related to the development of the automotive industry, with alignment between these institutions and the various automakers. Therefore, stating that an additive package meets API or ACEA performance levels directly implies agreement with the system adopted by these institutions.



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The **API** recognizes that an additive package has been developed and continues to be produced according to its criteria when both the developer and the laboratories where the tests were carried out are **certified by the ACC, American Chemistry Council**. This institution not only certifies companies and laboratories but also periodically audits and monitors the processes involved in the production and quality control of additive packages, ensuring that the product sold is the same one whose performance was proven in engine tests.

On the website <https://acc-ma.org/>, under "ACC Sponsor IDs" (<https://acc-ma.org/pdfForms/ACC%20Sponsor%20IDs.pdf>), you can check the list of accredited companies and laboratories.

Similarly, the **ACEA** recognizes developers and laboratories accredited by the **European Registration Centre (ATC-ERC)**. More information can be found on the website <https://atc-erc.org/>, under "Compliance List" (<https://atc-erc.org/docs/AnnualComplianceList/ATCCodeofPracticeAnnualComplianceSummary.pdf>).

In the same way, the **SAE** recognizes additive developers for the **SAE J2360 specification** through the **Performance Review Institute (PRI)**, which is a non-profit organization affiliated with SAE International. The PRI was created by SAE International to provide shared conformity assessment services, mainly for the mobility sector. On the page <https://www.p-r-i.org/qpl/lubricant-review-institute> is the LRI QPL list, which includes developers and their respective products approved for SAE J2360 performance. Only these listed additives will be accepted for registrations that claim SAE J2360 performance.

The companies associated with **ABRAFA** that have been operating in the Brazilian market for decades are accredited by both the ACC and the ATC. The same is true for **Xinxiang Richful Lube Additive Co., Ltd**, which recently obtained accreditation.



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It should be noted that additive packages are not products regulated by the ANP, and therefore, it is not this Agency's responsibility to evaluate and approve these products. However, given the above, it is the ANP's responsibility to recognize that additive packages used as raw materials in the manufacture of lubricating oils in Brazil, when they are intended to meet API, ACEA or SAE performance levels, must follow the criteria adopted by these institutions. Furthermore, since one of the ANP's attributions is to guarantee the quality of lubricating oils sold in Brazil, it is this Agency's responsibility to require that the raw materials used follow internationally adopted criteria.

Thus, the ANP establishes that **only additive packages developed and approved by companies accredited by the ACC**—in the case of API performance levels—**by the ATC**—in the case of ACEA levels—**and by the PRI**—in the case of SAE J2360 performance—will be accepted as raw materials in automotive engine/gear lubricants.

Packages accepted by this Agency before this understanding will be accepted until **December 31, 2025**. After this period, if the suppliers are not accredited by the ACC or ATC, the registration of the products that use them must be changed regarding the formulation.

For **transmission additives**, the API does not require specific certification of developing companies or testing laboratories to certify lubricants or additives against API GL-4 and API GL-5 specifications. Therefore, the certification procedure previously adopted by the ANP will remain in effect. That is, performance, bench, and elastomer test reports performed by internationally recognized laboratories, with traceability and an approval report, will be evaluated. The same procedure will be adopted for transmission additive packages for other performance levels.

IT IS IMPORTANT TO NOTE THAT COMPONENT ADDITIVATION IS PROHIBITED!

The list of packages from new suppliers not accredited by the ACC or ATC that were evaluated and accepted by the ANP before 2025 can be found below. The products from



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Xinxiang Richful Lube Additive Co., Ltd have been removed from the table because, as the company has obtained ACC and ATC accreditation, it is not necessary to evaluate its packages individually.

COMPANY	PACKAGE	PERFORMANCE LEVEL	VALIDITY WITHOUT ACC ACCREDITATION
TURMAK TURLOCK TEC	TURMAK 621G	API GL-5/GL-4	-
TURMAK TURLOCK TEC	TURMAK 632G	API GL-5/GL-4	-
TURMAK TURLOCK TEC	TURMAK PK 850	API SN	12/31/2025

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