



fives

Metal Cutting | Composites

Former MAG IAS, LLC businesses including Cincinnati, Giddings & Lewis, Forest - Liné, Liné Machines and Global Services have joined the Fives Group.

June 3, 2016

Marcelo Capanema Lima e Silva
Petronas Lubricants International
Av. Trajano de Araujo Viana 2500, 32010-090
Brazil

Dear Marcelo Silva

This letter is to inform you of the approval of the following products that have met the requirements for the Fives Cincinnati P-Specs. They will appear in our special Lubricants manual as follows:

Supplier Name

Petronas Lubricants International

<u>Product name</u>	<u>Fives Cincinnati P-SPEC</u>	<u>Lab REF#</u>	<u>TRD</u>
Petronas Hydraulic	P-68	803113	9/13/2016 3

The products tested meets Thermal Stability requirements and any chemical and physical tests that were conducted by Fives Cincinnati.

The lubricant supplier has evidence that the product generate passing results versus the full complement of requirements, if tested.

These approvals are for a period of three years from the Test Report Date (TRD).

We are granting the approvals for this product based on the sample submitted to us for evaluation. Should any change or reformulation occur on this product, we are to be notified of these changes at once and the reformulated material must be submitted for evaluation and re-approval. Samplings of all approved products are made periodically from the field for evaluation. Should the product sampling disclose significant variations from that which has been approved, the product will immediately be removed from the Approved Products list. Sincerely,

Ravi Bhargava, Ph.d., P.E.
Materials and Lubricants Laboratory Manager
Fives Cincinnati