



Customer Care and Aftersales

Rich Zampardo
ATF Administration

*GM Customer Care and Aftersales
General Motors Corporation
Technology Licensing
Mail Code 483-720-125
Pontiac, MI 48340
(248) 568-1927 Fax (248) 857-0126*

Approval Letter

Date: May 16, 2018

Mr. Kevin Rettmann
Intertek Group Plc.
5404 Bandera Road
San Antonio, Texas 78238-1993

Attention: Mr. Kevin Rettmann

The General Motors Automatic Transmission Fluid Committee has examined all test results; data and parts submitted to the committee regarding the automatic transmission fluid coded **AR-10818**.

The Committee has determined that such fluid does meet the minimum eligibility requirements for DEXRON[®]-VI automatic transmission fluid licensing for use in General Motors products.

The candidate summary test results sheets for viscosity, elemental analysis, band test, and FTIR scan are to be submitted to this office with Forms **A & B**. These tests results shall be labeled with the same identification code as was used during the qualification testing.

**** Note ****

DEXRON[®]-VI test results and evaluation are valid for one year from the above date.

Sincerely,

Rich Zampardo



DEXRON[®]-VI

Form B
DEXRON-VI

NOTICE OF DECISION (ORIGINAL FORMULATOR)

Afton Chemical Company
500 Spring Street
Richmond, Virginia, 23219
USA

Intertek Group Plc.
5404 Bandera Road
San Antonio, Texas 78238-1993

Attn: Regina Harm

Date: 5/30/2018

Subject: Notification of decision regarding test results submitted in support of an application for permission to blend a qualified DEXRON[®]-VI automatic transmission fluid.

Dear : Regina Harm

The automatic transmission fluid identified as applicant's and coded by this laboratory as **AT-013140-07-06** has been tested and evaluated as requested. A copy of the General Motors decision indicating this fluid has met the minimum eligibility requirements for General Motors DEXRON[®]-VI automatic transmission fluid licensing is attached. Applicants having eligible fluids are instructed to apply on with such fluids and for assignment of an identification number therefore. **AR10818**

Very truly yours,

Intertek Group Plc

cc: *General Motors with Form A attached if above identified fluid was found eligible*

By: 

(Issue in duplicate to Sublicensee)

Mr. Kevin Rettmann



Form A
DEXRON-VI

DEXRON®-VI

APPLICATION FOR TEST OF FLUID FOR QUALIFICATION AS A DEXRON®-VI AUTOMATIC TRANSMISSION FLUID (ORIGINAL FORMULATORS)

Date: 20180216

Mr. Kevin Rettman
Intertek Group Plc.
5404 Bandera Road
San Antonio, Texas 78238-1993
(Name and Address of Authorized Laboratory)

Attn: **Mr. Kevin Rettman**

Applicant desires to qualify a fluid as a DEXRON®-VI automatic transmission fluid and to utilize the facilities of the above-named laboratory to test this fluid.

It is understood that the evaluation and qualification decisions on this fluid will be made by General Motors Corporation on an anonymous basis, and to maintain the orderliness and integrity of this procedure, applicant agrees in any other complete tests or partial retests of this fluid, whether run by the above-named laboratory or by another authorized laboratory, to maintain the exact composition of the sample(s) as set forth herein and to advise each of the laboratories that is testing or has tested this fluid of all tests which have been run on this fluid in order that coding and test results of the fluid may be properly recorded and correlated. Other tests on this same formula, if any, are as follows:

Laboratory: Perkin Elmer Automotive Research

Specification tests performed (by test letter): None.

It is understood that General Motors may require retesting, or, in the event a new or unusual test result develops from the regular tests, may require the running of new or additional tests. Any such retesting or new or additional tests performed shall be at applicant's expense, but shall be made only with its consent. It is also understood and agreed that all results from tests performed pursuant to this application must be submitted to General Motors for evaluation.

The terms and provisions of the "General Motors Automatic Transmission Fluid Qualification Program and Procedures - DEXRON®-VI (2005) have been read and are agreed to.

The following information is furnished by applicant and is to be accepted by the laboratory only with the understanding that the laboratory shall not at any time disclose such information to any person or persons outside the laboratory's organization, except to General Motors in accordance with the qualification procedures unless so authorized by applicant.

Applicant hereby certifies that the fluid identified by the applicant's following Formula Number and submitted pursuant to this application, is identical in every respect to that heretofore tested by any laboratory under said Formula Number.

The finished fluid is registered in applicant's laboratory records as Formula Number **AT-13140-07-06**, and contains the following base stocks:

A

Approx. Percent of Finished Fluid	Supplier & Refiner (if refiner is different from supplier)	Base Stock Product Code	Refinery Name	Crude Source (1)	Method of Refining (2)
71.20	Vertex-Penthol	AD BASE 4	Ruwais Refinery	Mid-East	HC, HT, HF
17.80	Vertex-Penthol	AD BASE 6	Ruwais Refinery	Mid-East	HC, HT, HF

- (1) Such as Mid-Continent, Coastal, Mid-East, Venezuelan, etc.
- (2) Such as HC = hydro-cracked, HT = hydro-treated, HF = hydro-finished, etc.

B

Approx. Percent of Finished Fluid	Supplier & Refiner (if refiner is different from supplier)	Base Stock Product Code	Refinery Name	Crude Source (1)	Method of Refining (2)

- (1) Such as Mid-Continent, Coastal, Mid-East, Venezuelan, etc.
- (2) Such as HC = hydro-cracked, HT = hydro-treated, HF = hydro-finished, etc.

C

Approx. Percent of Finished Fluid	Supplier & Refiner (if refiner is different from supplier)	Base Stock Product Code	Refinery Name	Crude Source (1)	Method of Refining (2)

- (1) Such as Mid-Continent, Coastal, Mid-East, Venezuelan, etc.
- (2) Such as , HC = hydro-cracked, HT = hydro-treated, HF = hydro-finished, etc.

and the following additives:

Name or Identification of Additive	Percent of Finished Fluid		Name of Additive Supplier
	Weight %	Volume %	
HiTEC® 3491LV	7.18		Afton Chemical
Red Dye	0.020		Supplier
HiTEC® 5738	2.26		Afton Chemical
HiTEC® 082	0.756		Afton Chemical
HiTEC® 5714	0.168		Afton Chemical
HiTEC® 009	0.608		Afton Chemical

(The above includes the principal or primary additives as well as pour depressants, foam inhibitors, etc.)

It is understood that the required qualification tests will be made by the above-named laboratory at applicant's expense, and applicant's purchase order for the requested tests is submitted herewith.

Check items required for qualification testing.

1. **For single base stock approvals:** Two 55 gallon drums of applicant's Formula Number **AT-13140-07-06** (it is understood that qualification tests will be conducted on samples containing equal proportions of fluid from each drum)

2. **For multiple base stock approvals:** Two 55 gallon drums of applicant's Formula Number **AT-13140-07-06**, blended with equal amounts of Base Stock; xx **A**, xx **B**, **C**, and the specified additive treatment (it is understood that qualification tests will be conducted on samples containing equal proportions of fluid from each drum)
 - A. XX Two 55 gallon drums of applicant's Formula Number **AT-13140-07-06-A**, blended with Base Stock A and the specified additive treatment
 - B. XX Two 55 gallon drums of applicant's Formula Number **AT-13140-07-06-B**, blended with Base Stock B and the specified additive treatment
 - C. Two 55 gallon drums of applicant's Formula Number **AT-13140-07-06-C**, blended with Base Stock C and the specified additive treatment

All produced in applicant's facilities will be forwarded upon receipt of notice that you will test such samples.

Applicant hereby states that samples of the same composition as would be required for samples A, B, C (check applicable sample description number) have been **previously tested and approved** by General Motors. **Proof of prior approval is established by the attached copies of Forms A and B relating to such samples.** Applicant hereby instructs the laboratory to recode the information in the attachments for presentation to the General Motors Automatic Transmission Fluid Committee in support of this application for approval.

Applicant has been notified by the supplier of the specified additive treatment, that such additive treatment has been tested and approved by General Motors for use in DEXRON®-VI fluids.

Very truly yours,

Afton Chemical Corporation

By Regina Harm
(Signature and Title of Officer or
Other Duly Authorized Representative)
:
Regina Harm

STATE OF **Virginia**

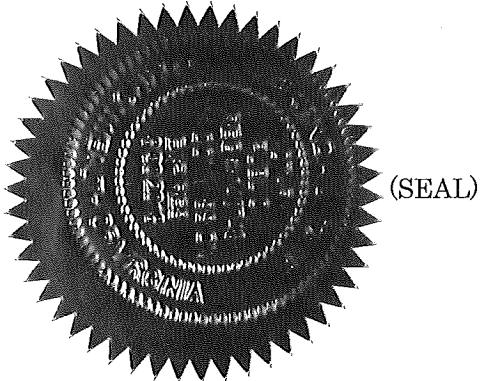
COUNTY OF **City of Richmond**

: **Regina Harm** , being first duly sworn, deposes and says: That she is the **SVP & COO** , of **Afton Chemical Corporation**, that she is authorized to sign this application on behalf of **Afton Chemical Corporation** and that she is informed and believes that the information set forth in the above application is true and correct.

Regina Harm
(Signature of Officer Signing Above)

Subscribed and sworn to before me this 11th day of March , 20 18

Blair J. Tate
Notary Public in and for the
City
County of Richmond
State of Virginia



My Commission expires: September 30, 2019
my commission no. 146749

Note:
Submit Form A in duplicate.