



VEGO NO. 17 is especially prepared as a light degreaser for the cleaning of electric equipment and will be found to be most excellent for the cleaning and light degreasing of electric motors and generators of all sizes, types and makes. It may be used on all electric equipment with great success, especially Diesel locomotives and railroad electrical equipment.

Clean quickly, thoroughly and economically all large or small motors and/or machine surface areas with VEGO NO. 17.

VEGO NO. 17 FEATURES

1. VEGO NO. 17 is harmless in use and storage. It is safe for workmen to use without protective clothing. It is nonirritating in normal use.

DOES NOT CONTAIN CARBON TETRACHLORIDE.

2. In practically all cases, it is a one-operation cleaner. The cost is negligible when performance and saving are considered.
3. Does not corrode precious metals (see technical laboratory report).
4. Reduces expensive replacements.
5. Voids motor failures and overheating due to dirt, grease and scum.
6. Prevents bad commutation and resulting motor overheating.
7. Does not damage rubber, synthetic rubber or plastic insulation, wires or cables.
8. Does not damage mica, nor does it remove the carbon film on commutators, which is necessary for efficient electrical contact between brushes and commutators.

For technical information and laboratory report, see pages 2 and 3.

ROBERT W. HUNT COMPANY, ENGINEERS
CHICAGO 4, ILLINOIS

FILE NO. 44636-1
ORDER L-2657

Chicago 4, Illinois
January 29, 1954

REPORT B-5601
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Evaluation of "Vego #17 Electric
Motor Cleaner Light Degreaser"

Chemicals & Materials Corp.
Wabash at Brown
Terre Haute, Indiana

Attn: W. Rex Bell, Jr.
Vice President

Gentlemen:

As authorized by your letter of November 11, 1953 and your verbal instructions, we have tested the sample of "Vego #17" which you supplied, to determine its physical and chemical characteristics. We have also investigated the reaction of "Vego #17" with various types of insulation and the various metal parts that may be used in electric motors.

The following tabulation is a summary of the tests performed, the methods used and the results obtained.

Characteristics of "Vego #17":	Method	° F.	° C.
Flash Point:			
As Received	ASTM D-56	100	38
At 20% Evaporation	Tag Closed Cup	106.7	41.5
At 50% Evaporation		109.4	43
As Received	ASTM D-92	105	40.6
At 20% Evaporation	Cleveland Open Cup	105	40.6
At 50% Evaporation		115	46.1
Fire Point:			
As Received	ASTM D-92	120	49
At 20% Evaporation	Cleveland Open Cup	120	49
At 50% Evaporation		125	51.7
Copper Corrosion	ASTM D-849	No corrosion	
Specific Gravity - 60/60° F.	ASTM D-891	0.8324	
Gravity - A.P.I.	ASTM D-287	38.5	
Lbs./gallon		6.930	
Gallons/lb.		0.1443	
Chlorinated Hydrocarbons - %	ASTM D-808	15.72	
Aniline Point	ASTM D-1012	57° C.	
Kauri Butanol Value	ASTM D-1133	48.5	
	Method	Results	
Doctor Test	ASTM D-484	Negative	
Moisture - %	ASTM D-890	None Found	
Distillation:	ASTM D-86	° F.	° C.
I. B. P.		239	115
10%		277	136
50%		327.2	164
90%		347	175
End Point		366.8	186
Recovery - %		99	