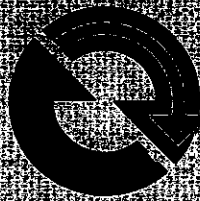


Detroit Diesel Engines



Detroit Diesel
Allison

Detroit Diesel Engines



Detroit Diesel
Engines

and
air
filters

Engines
Accessories



SALES TECH DATA BOOK II

VOLUME 1

ENGINE AND ACCESSORY CHARTS

M



Detroit Diesel Allison
Division of General Motors Corporation

13400 West Outer Drive
Detroit, Michigan 48228



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GENERAL MOTORS CORPORATION

ENGINE - CONVERTER MATCHES AND MAXIMUM ALTITUDE LIMITS

PAGE	ENGINE WITH STANDARD EQUIPMENT	INJECTOR	CONVERTER MODEL & TORQUE RATIO	MAXIMUM ALTITUDE (FEET)	CURVE NUMBER
TC53-1	3-53 (4V)	S40	TC-350 (3.42:1)	9,500	E4-5036-12-20
TC53-2	3-53 (4V)	S45	TC-350 (3.42:1)	9,500	E4-5036-12-19
TC53-3	3-53 (4V)	N40	TC-350 (3.42:1)	10,000	E4-5036-52-2
TC53-4	3-53 (4V)	N45	TC-350 (3.42:1)	9,500	E4-5036-52-3
TC53-5	4-53	S40	TC-350 (3.42:1)	10,500	E4-5046-12-16
TC53-6	4-53	S40	TC-370 (2.6:1)	8,000	E4-5046-12-17
TC53-7	4-53	S45	TC-350 (3.42:1)	10,000	E4-5046-12-15
TC53-8	4-53	S45	TC-370 (2.6:1)	7,000	E4-5046-12-1
TC53-9	4-53	N40	TC-350 (3.42:1)	10,500	E4-5046-52-12
TC53-10	4-53	N40	TC-370 (2.6:1)	8,000	E4-5046-52-14
TC53-11	4-53	N45	TC-350 (3.42:1)	10,500	E4-5046-52-13
TC53-12	4-53	N45	TC-370 (2.6:1)	8,000	E4-5046-52-15
TC53-13	6V-53	S40	TC-430 (3.44:1)	9,500	E4-5066-12-11
TC53-14	6V-53	S45	TC-430 (3.44:1)	9,000	E4-5066-12-9
TC53-15	6V-53	S45	TC-530 (3.51:1)	8,000	E4-5066-12-4
TC53-16	6V-53	N40	TC-370 (2.6:1)	10,000	E4-5066-52-11
TC53-17	6V-53	N40	TC-430 (3.44:1)	10,000	E4-5066-52-12
TC53-18	6V-53	N45	TC-430 (3.44:1)	10,500	E4-5066-52-13
TC53-19	6V-53	N45	TC-530 (3.51:1)	10,500	E4-5066-52-14
TC-71-1	3-71(2V)	HV6	TC-370 (2.6:1)	7,000	E4-1036-11-14
TC-71-2	3-71(2V)	HV7	TC-370 (2.6:1)	4,000	E4-1036-11-3
TC-71-3	3-71(2V)	N65	TC-370 (2.6:1)	3,500	E4-1036-51-1



DETROIT DIESEL ENGINE DIVISION

GENERAL MOTORS CORPORATION

ENGINE - CONVERTER MATCHES AND MAXIMUM ALTITUDE LIMITS

PAGE	ENGINE WITH STANDARD EQUIPMENT	INJECTOR	CONVERTER MODEL & TORQUE RATIO	MAXIMUM ALTITUDE (FEET)	CURVE NUMBER
TC-71-4	3-71(4V)	N65	TC-370 (2.6:1)	3,000	E4-1036-52-1
TC71-5	4-71(2V)	HV6	TC-370 (2.6:1)	9,000	E4-1046-11-22
TC71-6	4-71(2V)	HV7	TC-370 (2.6:1)	5,500	E4-1046-11-3
TC71-7	4-71(2V)	HV6	TC-430 (3.44:1)	5,500	E4-1046-11-19
TC71-8	4-71(2V)	HV7	TC-530 (3.51:1)	4,000	E4-1046-11-1
TC71-9	4-71(4V)	N65	TC-430 (3.44:1)		E4-1046-52-1
TC71-10	6-71(2V)	HV6	TC-550 (3.31:1)	8,500	E4-1066-11-25
TC71-11	6-71(2V)	HV6	TC-550 (3.31:1)	8,500	E4-1066-11-24
TC71-12	6-71(2V)	HV6	TC-570 (3.2:1)	7,000	E4-1066-11-23
TC71-13	6-71(2V)	HV6	TC-570 (3.2:1)	7,000	E4-1066-11-28
TC71-14	6-71(2V)	HV7	TC-550 (3.31:1)	5,000	E4-1066-11-26
TC71-15	6-71(2V)	HV7	TC-550 (3.31:1)	5,000	E4-1066-11-27
TC71-16	6-71(2V)	HV7	TC-570 (3.2:1)	4,000	E4-1066-11-12
TC71-17	6-71(2V)	HV7	TC-570 (3.2:1)	4,000	E4-1066-11-13
TC71-18	6-71	HV7	TC-950 (3.6:1)	4,000	E4-1066-11-3
TC71-19	12-71	HV7	TC-950 (3.6:1)	4,000	E4-1126-11-3
TC71-20	6-71N(4V)	N65	TC-570 (3.2:1)		E4-1066-52-6
TCV71-1	6V-71(4V)	N60	TC-550 (3.31:1)	12,000	E4-7066-52-4
TCV71-2	6V-71(4V)	N65	TC-550 (3.31:1)	5,000	E4-7066-52-7
TCV71-3	6V-71(4V)	N60	TC-560 (2.63:1)	10,500	E4-7066-52-6
TCV71-4	6V-71(4V)	N65	TC-560 (2.63:1)	3,000	E4-7066-52-10
TCV71-5	6V-71(4V)	N60	TC-570 (3.2:1)	11,000	E4-7066-52-5
TCV71-6	6V-71(4V)	N65	TC-570 (3.2:1)	4,000	E4-7066-52-11

E4A-0006-00-1

Sheet 2 of 3

Rev. 3-6-73



DETROIT DIESEL ENGINE DIVISION

GENERAL MOTORS CORPORATION

ENGINE - CONVERTER MATCHES AND MAXIMUM ALTITUDE LIMITS

PAGE	ENGINE WITH STANDARD EQUIPMENT	INJECTOR	CONVERTER MODEL & TORQUE RATIO	MAXIMUM ALTITUDE (FEET)	CURVE NUMBER
TCB71-7 TCV71-8 TCV71-9 TCV71-10	8V-71N 8V-71N 8V-71N 8V-71N	N60 N65 N60 N65	TC-570 (3.2:1) TC-570 (3.2:1) TC-850 (3.6:1) TC-850 (3.6:1)	12,500 6,000 10,500 2,000	E4-7086-52-4 E4-7086-52-18 E4-7086-52-5 E4-7086-52-12
TCV71-11 TCV71-12 TCV71-13	12V-71N 12V-71N 12V-71N	N60 N60 N65	TC-850 (3.5:1) TC-950 (3.52:1) TC-950 (3.52:1)	12,500 11,500 4,000	E4-7126-52-4 E4-7126-52-5 E4-7126-52-11



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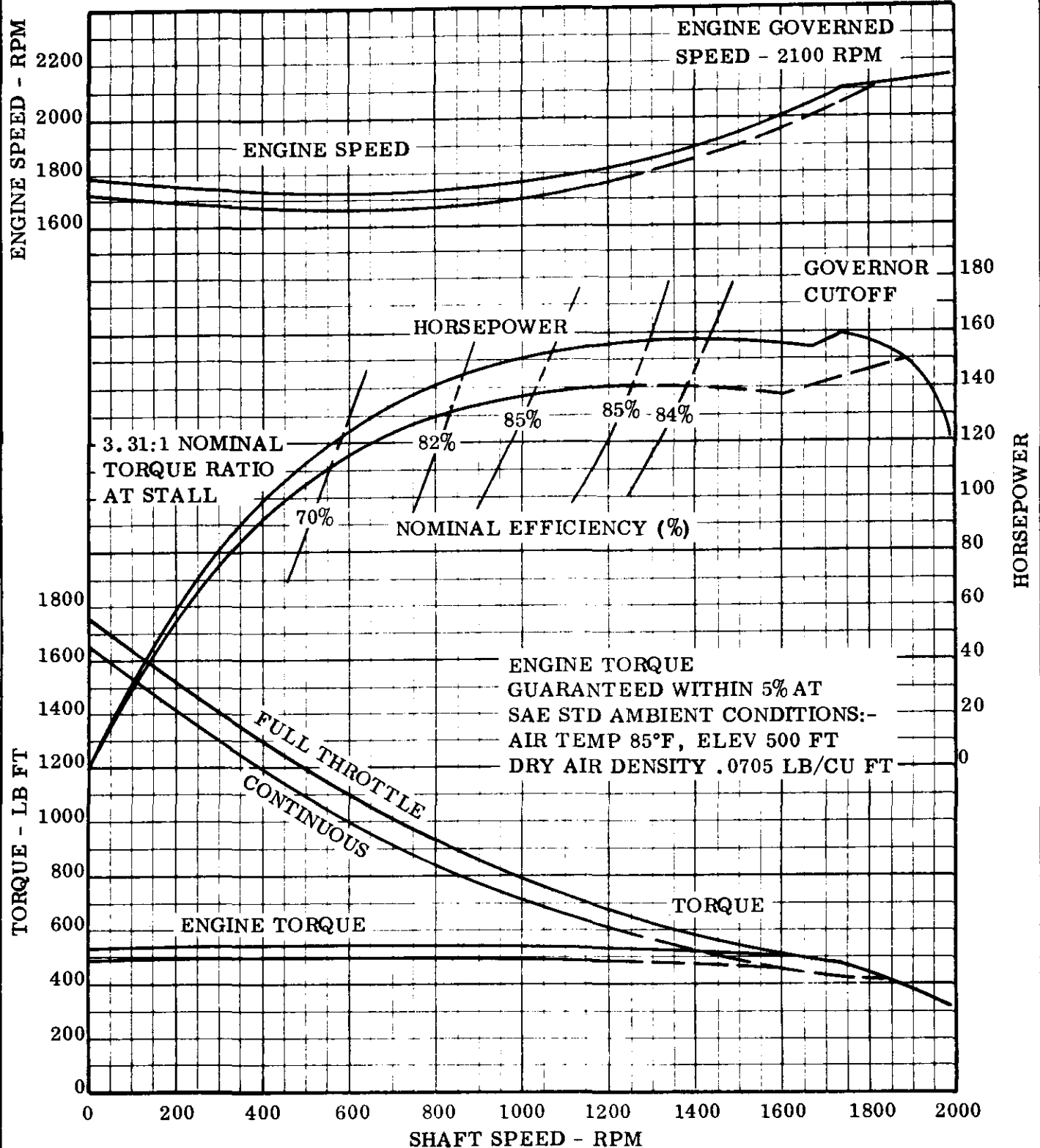
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6V-71N TORQUE CONVERTER UNIT

WITH STANDARD EQUIPMENT

N60 INJECTORS

TC-550 CONVERTER





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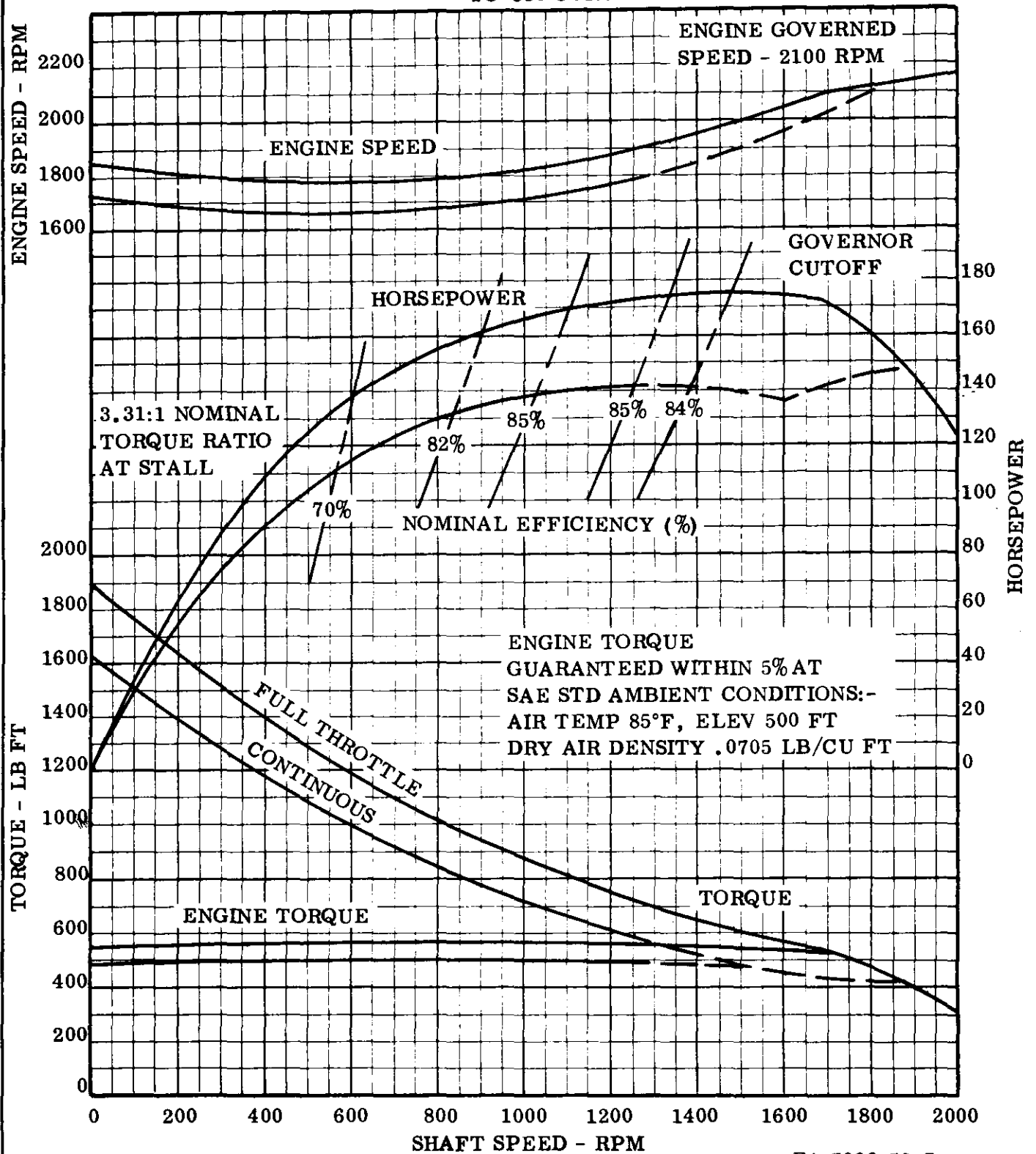
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6V-71N TORQUE CONVERTER UNIT

WITH STANDARD EQUIPMENT

N65 INJECTORS

TC-550 CONVERTER





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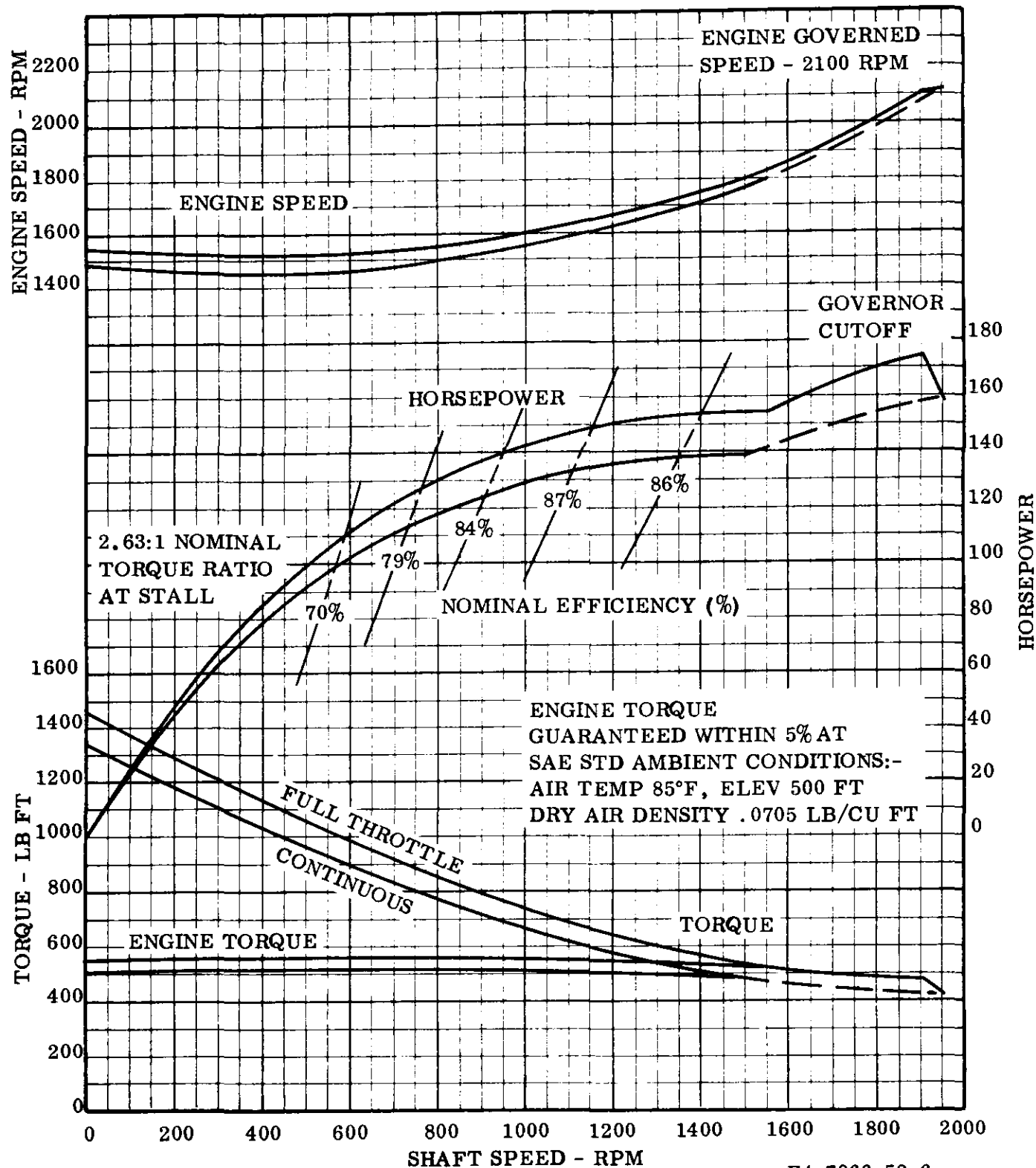
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6V-71N TORQUE CONVERTER UNIT

WITH STANDARD EQUIPMENT

N60 INJECTORS

TC-560 CONVERTER





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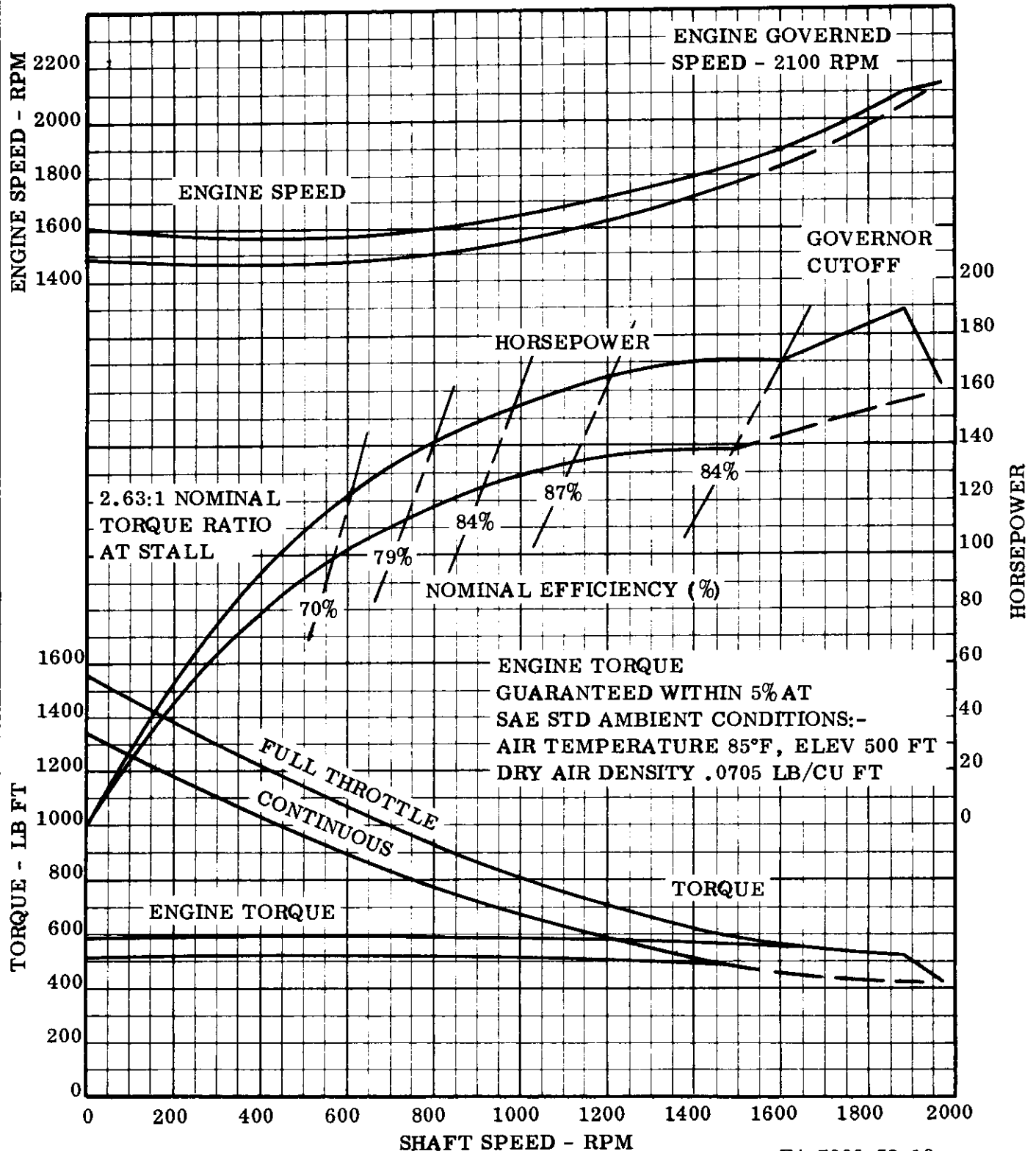
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6V-71N TORQUE CONVERTER UNIT

WITH STANDARD EQUIPMENT

N65 INJECTORS

TC-560 CONVERTER





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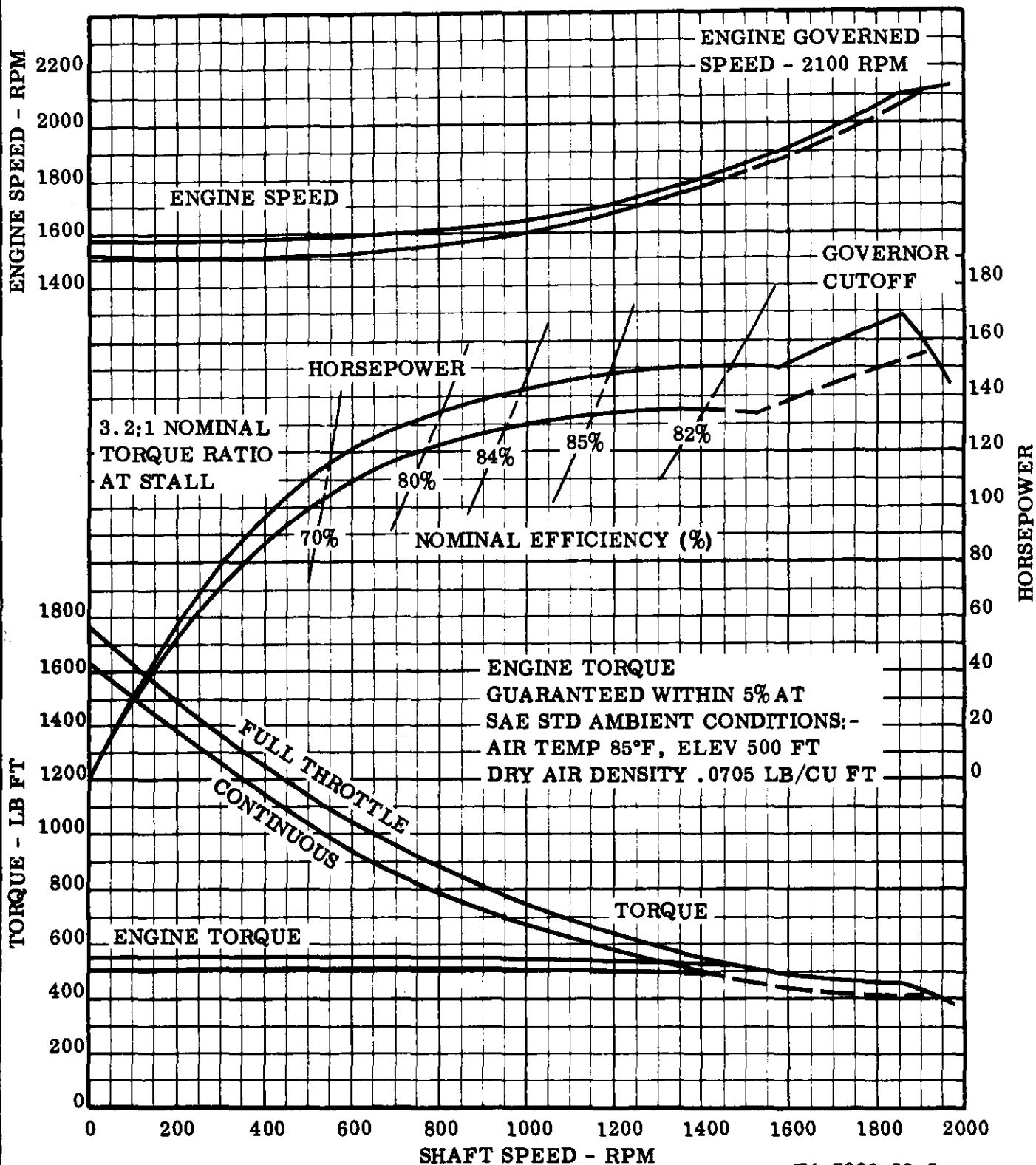
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6V-71N TORQUE CONVERTER UNIT

WITH STANDARD EQUIPMENT

N60 INJECTORS

TC-570 CONVERTER





DETROIT DIESEL ENGINE DIVISION

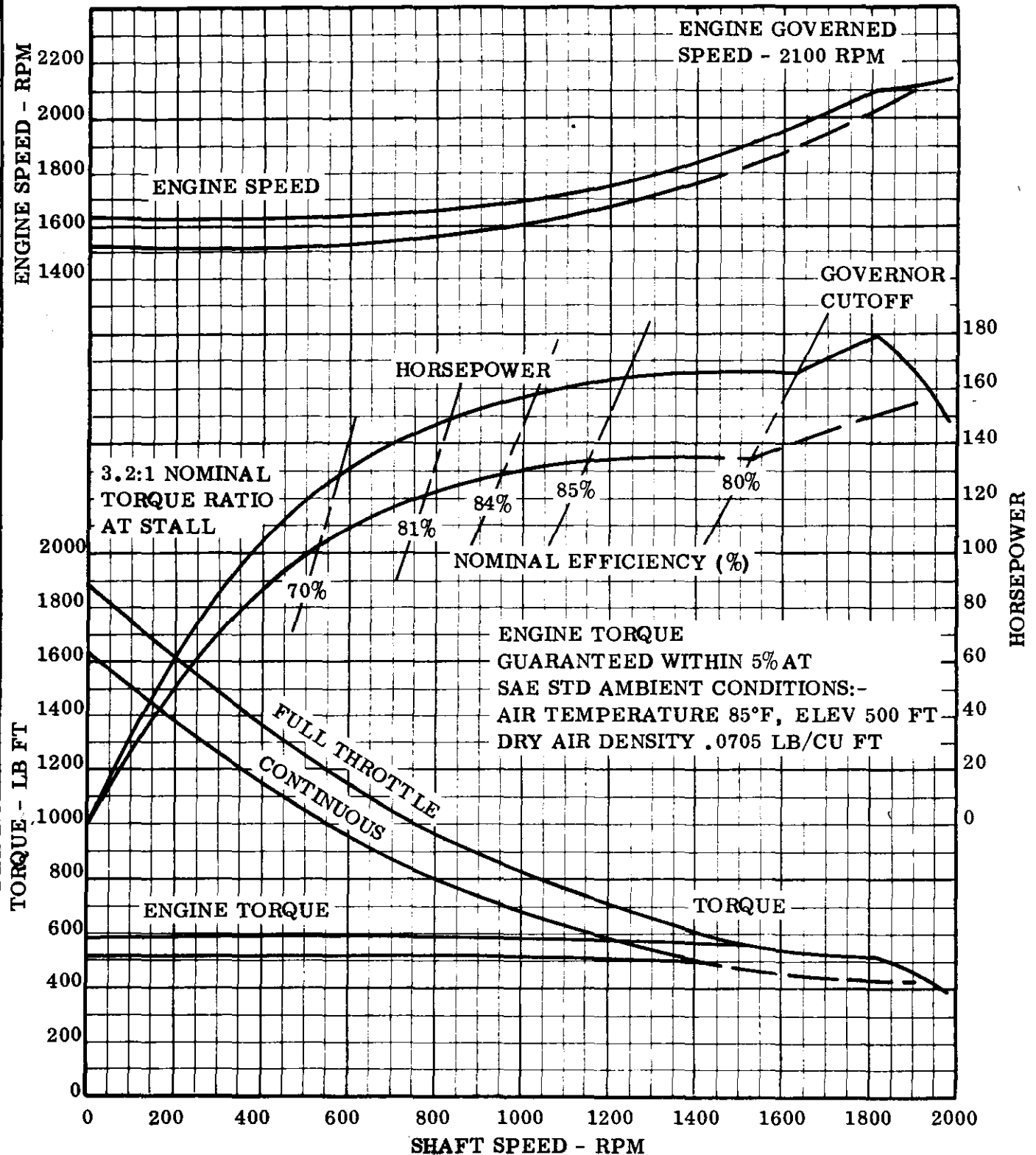
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6V-71N TORQUE CONVERTER UNIT

WITH STANDARD EQUIPMENT

N65 INJECTORS

TC-570 CONVERTER





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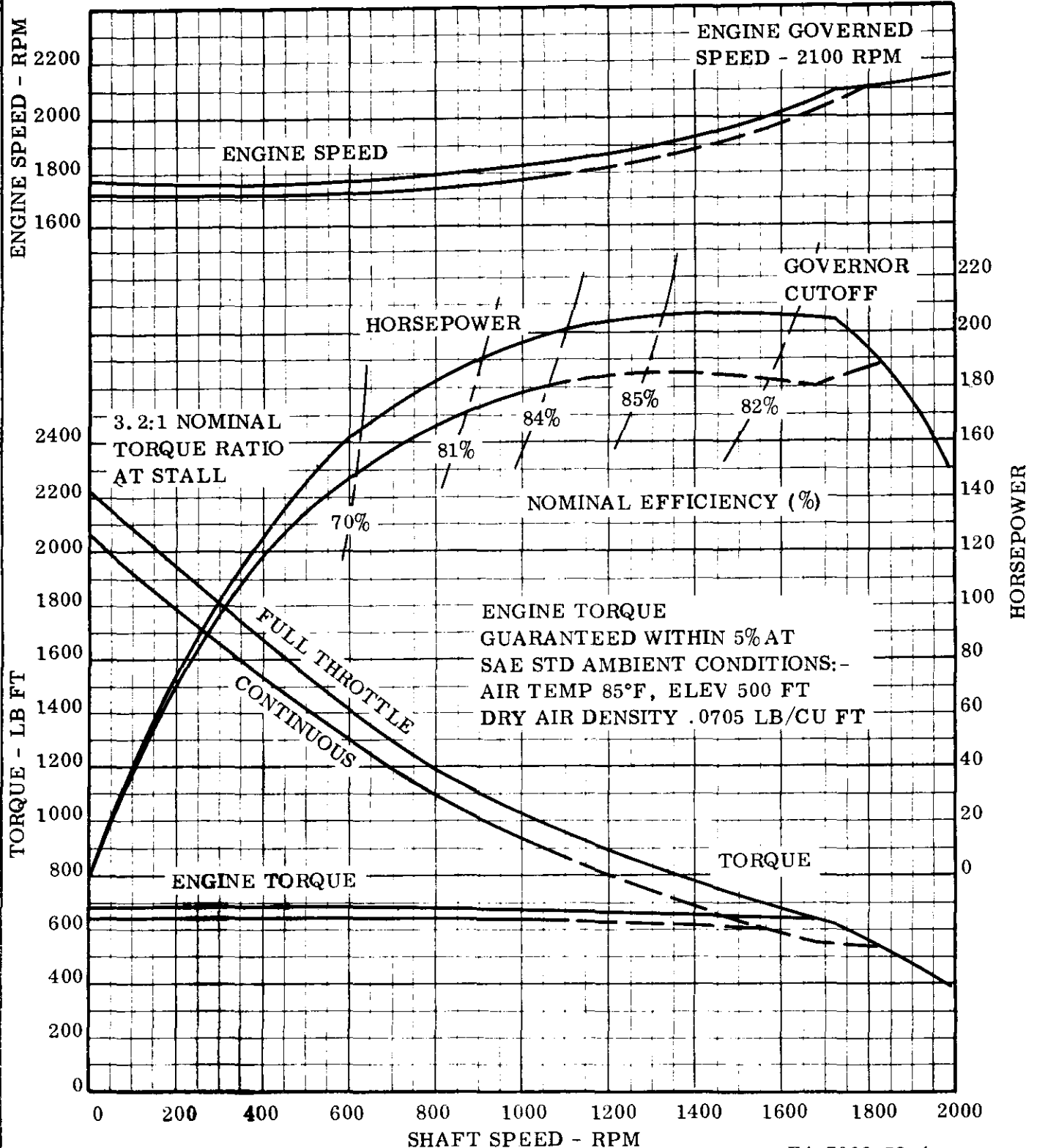
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8V-71N TORQUE CONVERTER UNIT

WITH STANDARD EQUIPMENT

N60 INJECTORS

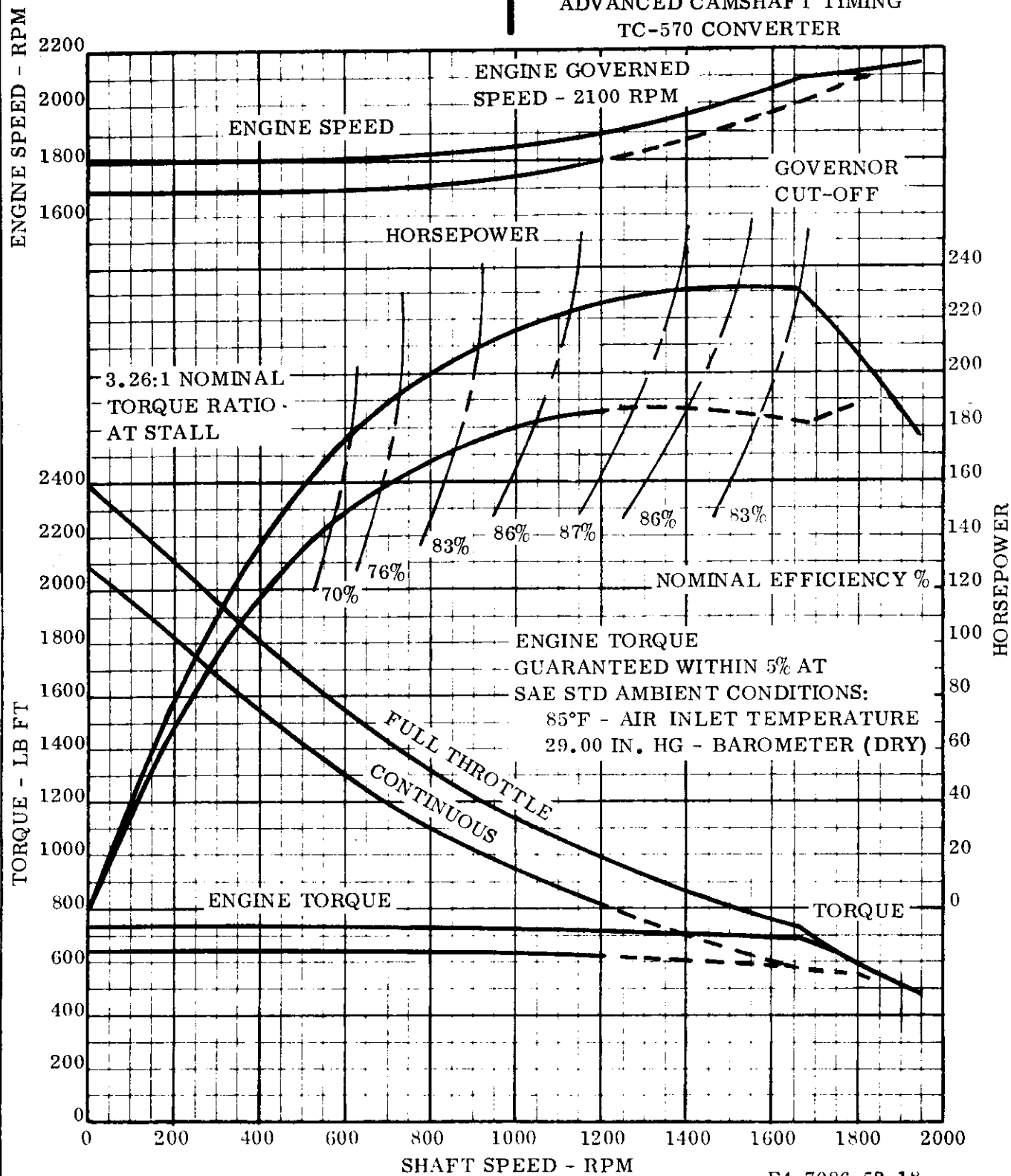
TC-570 CONVERTER





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Division of General Motors Corporation

8V-71N TORQUE CONVERTER UNIT
WITH STANDARD EQUIPMENT
N65 INJECTORS
ADVANCED CAMSHAFT TIMING
TC-570 CONVERTER





DETROIT DIESEL ENGINE DIVISION

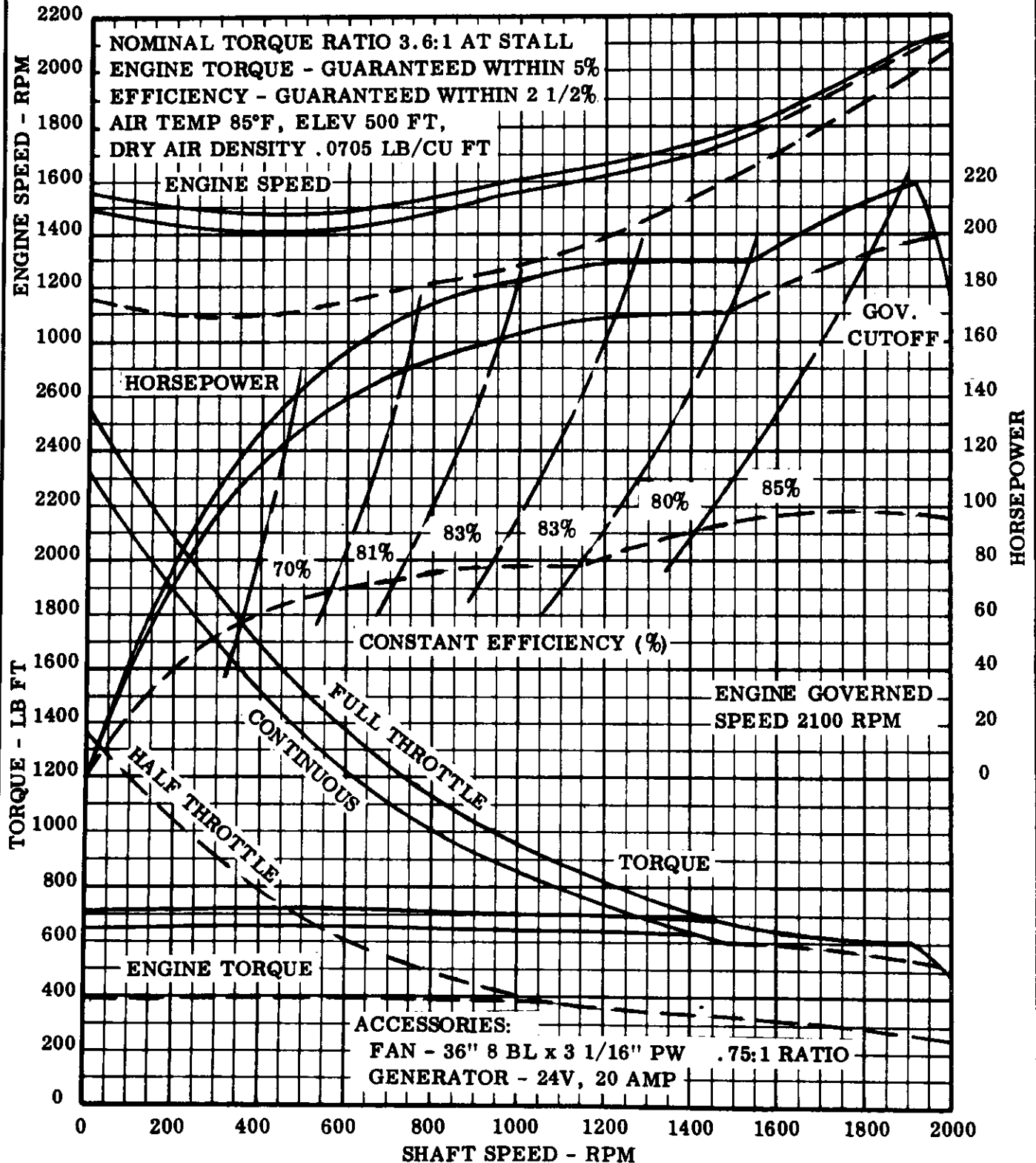
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8V-71N TORQUE CONVERTER UNIT

WITH STANDARD EQUIPMENT

N60 INJECTORS

CONVERTER TC-850





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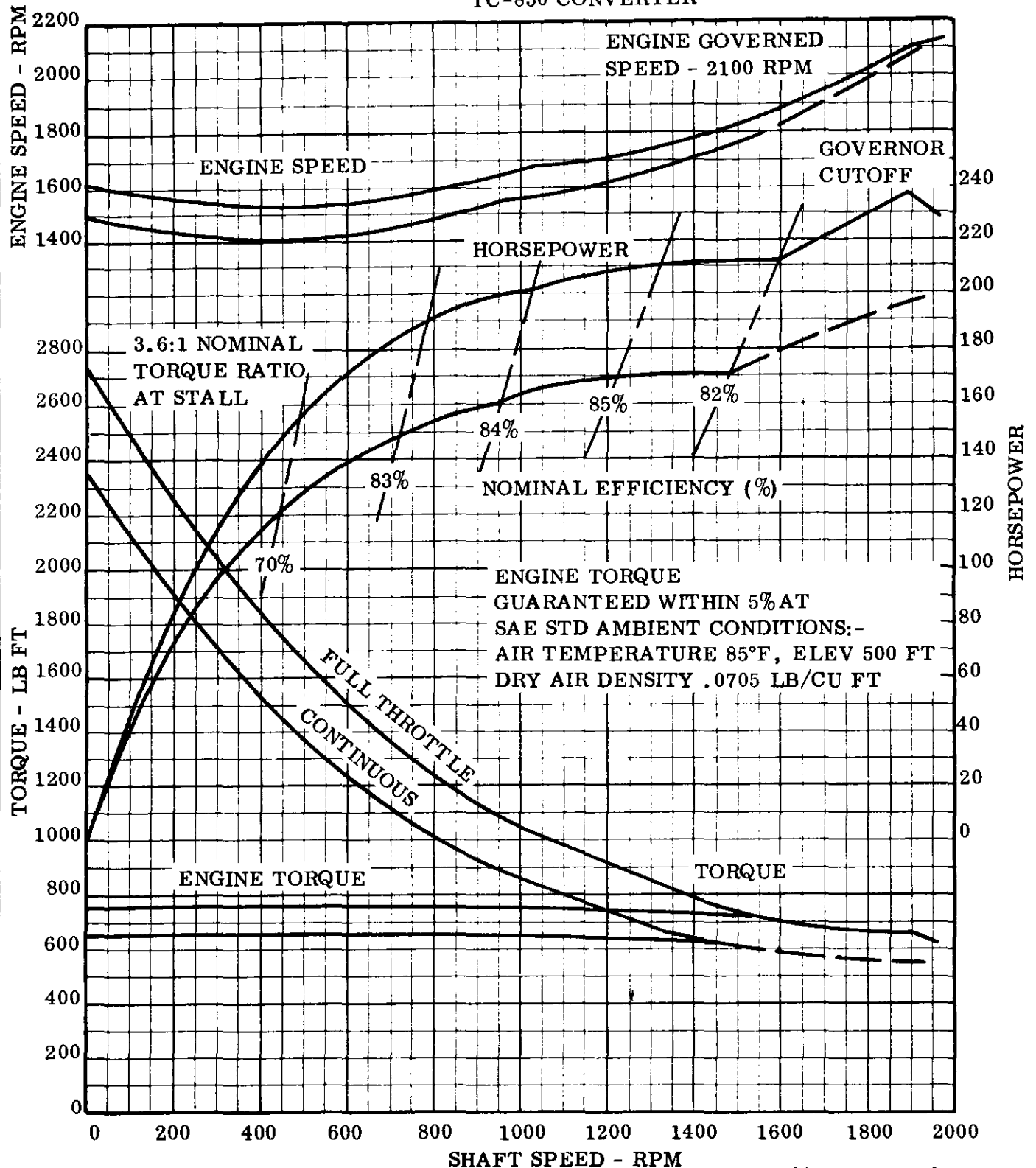
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8V-71N TORQUE CONVERTER UNIT

WITH STANDARD EQUIPMENT

N65 INJECTORS

TC-850 CONVERTER





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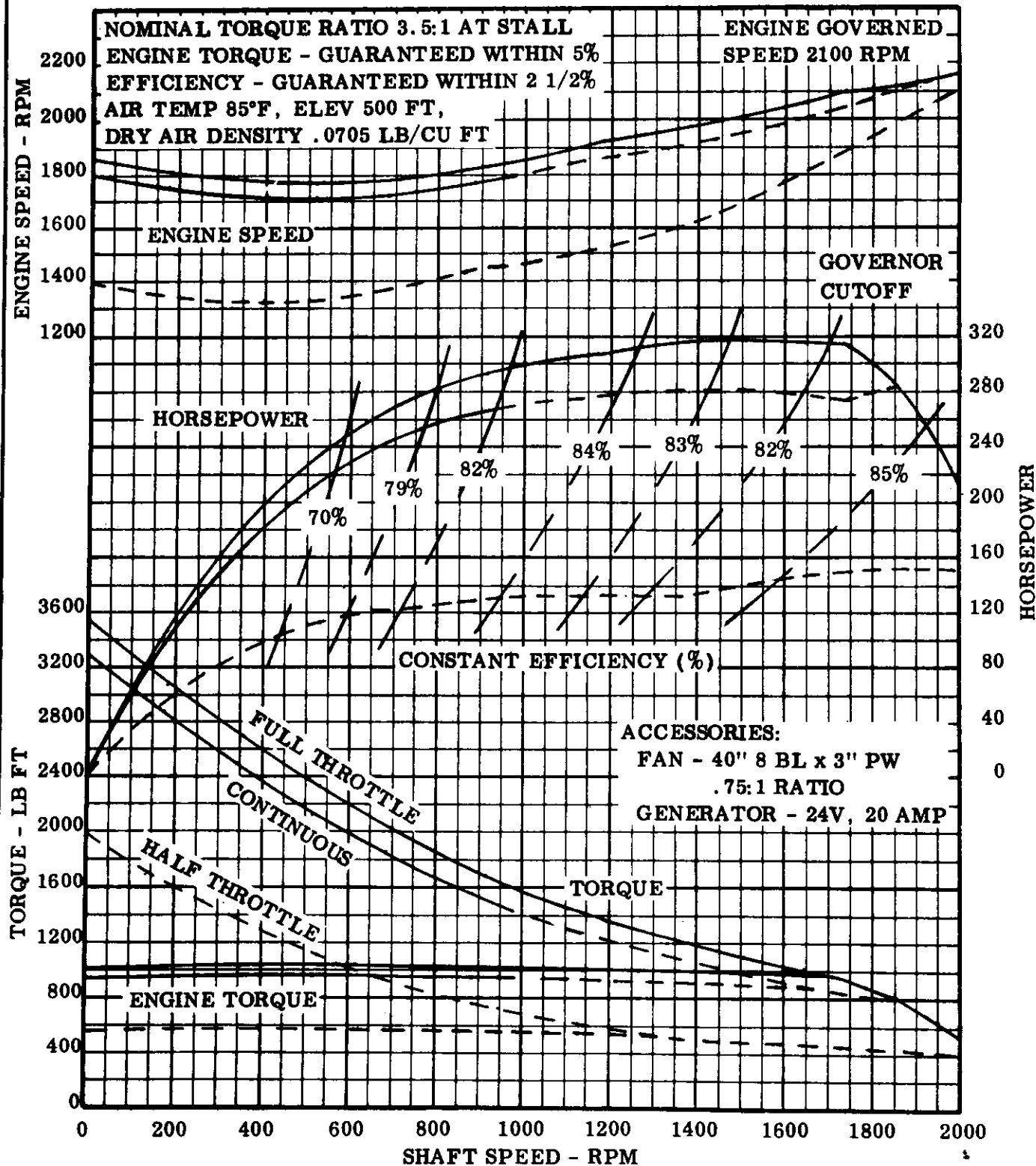
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12V-71N TORQUE CONVERTER UNIT

WITH STANDARD EQUIPMENT

N60 INJECTORS

CONVERTER TC-850





DETROIT DIESEL ENGINE DIVISION

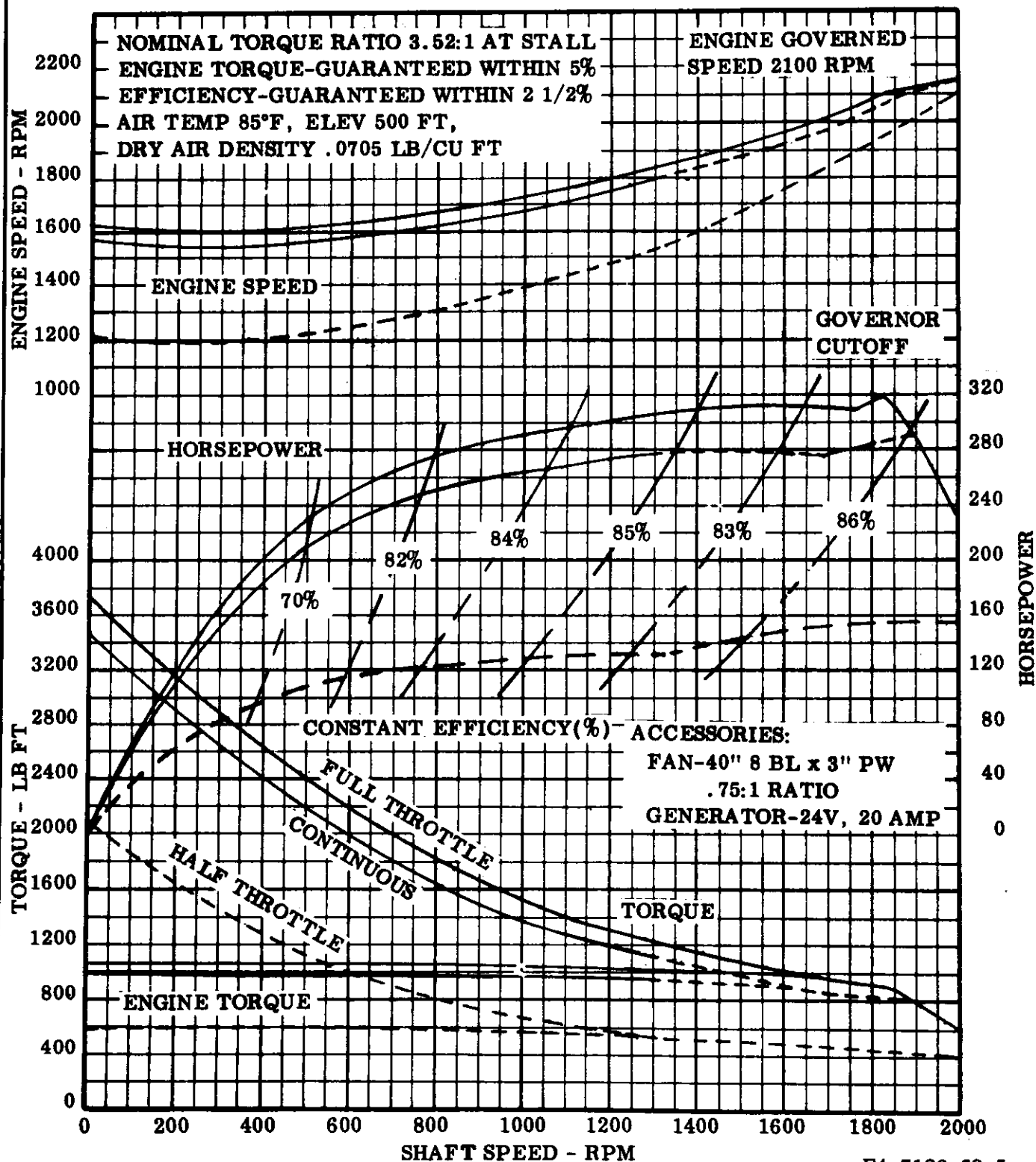
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12V-71N TORQUE CONVERTER UNIT

WITH STANDARD EQUIPMENT

N60 INJECTORS

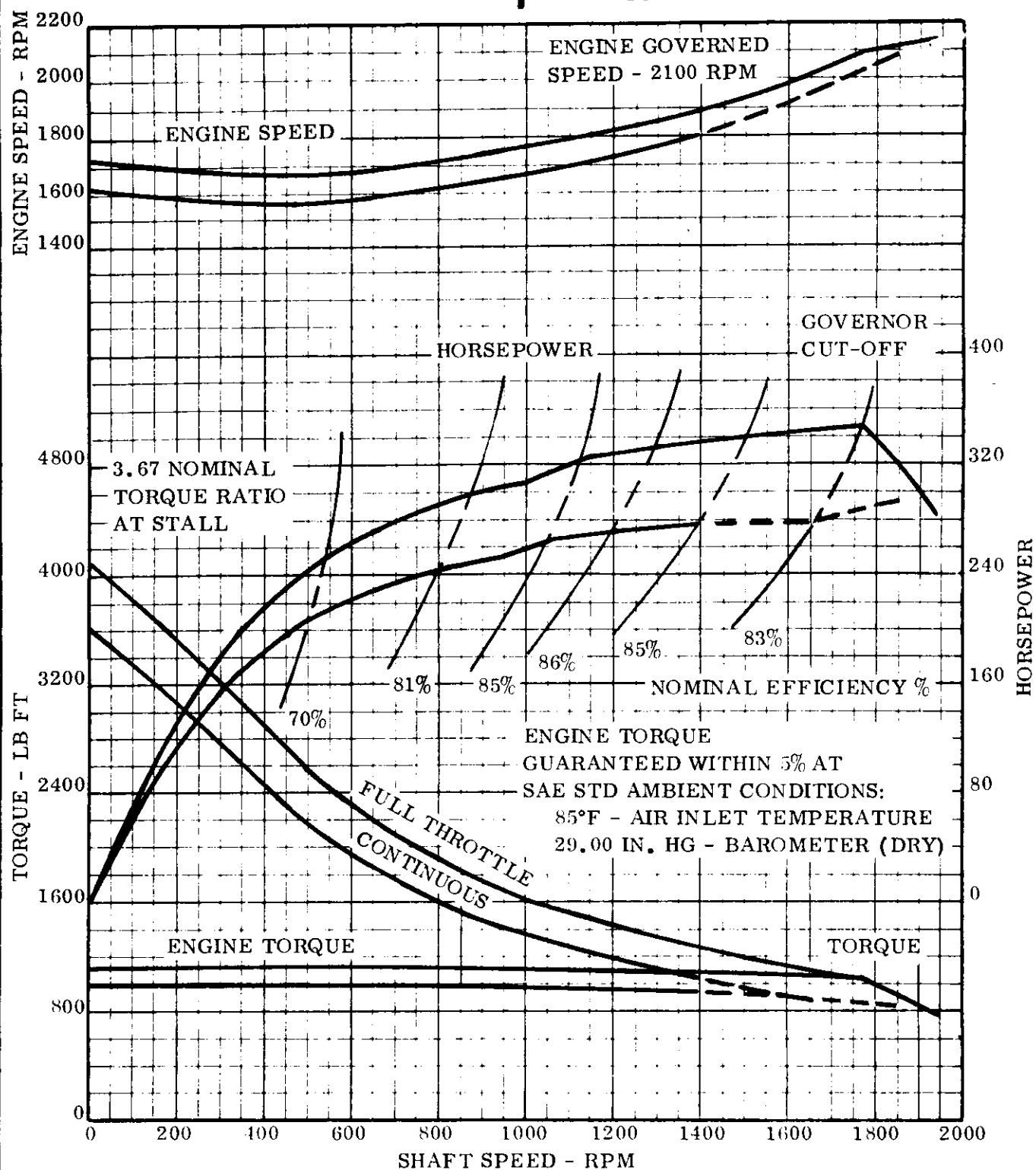
CONVERTER TC-950





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Division of General Motors Corporation

12V-71N TORQUE CONVERTER UNIT
WITH STANDARD EQUIPMENT
N65 INJECTORS
ADVANCED CAMSHAFT TIMING
TC-950 CONVERTER





DETROIT DIESEL ENGINE DIVISION

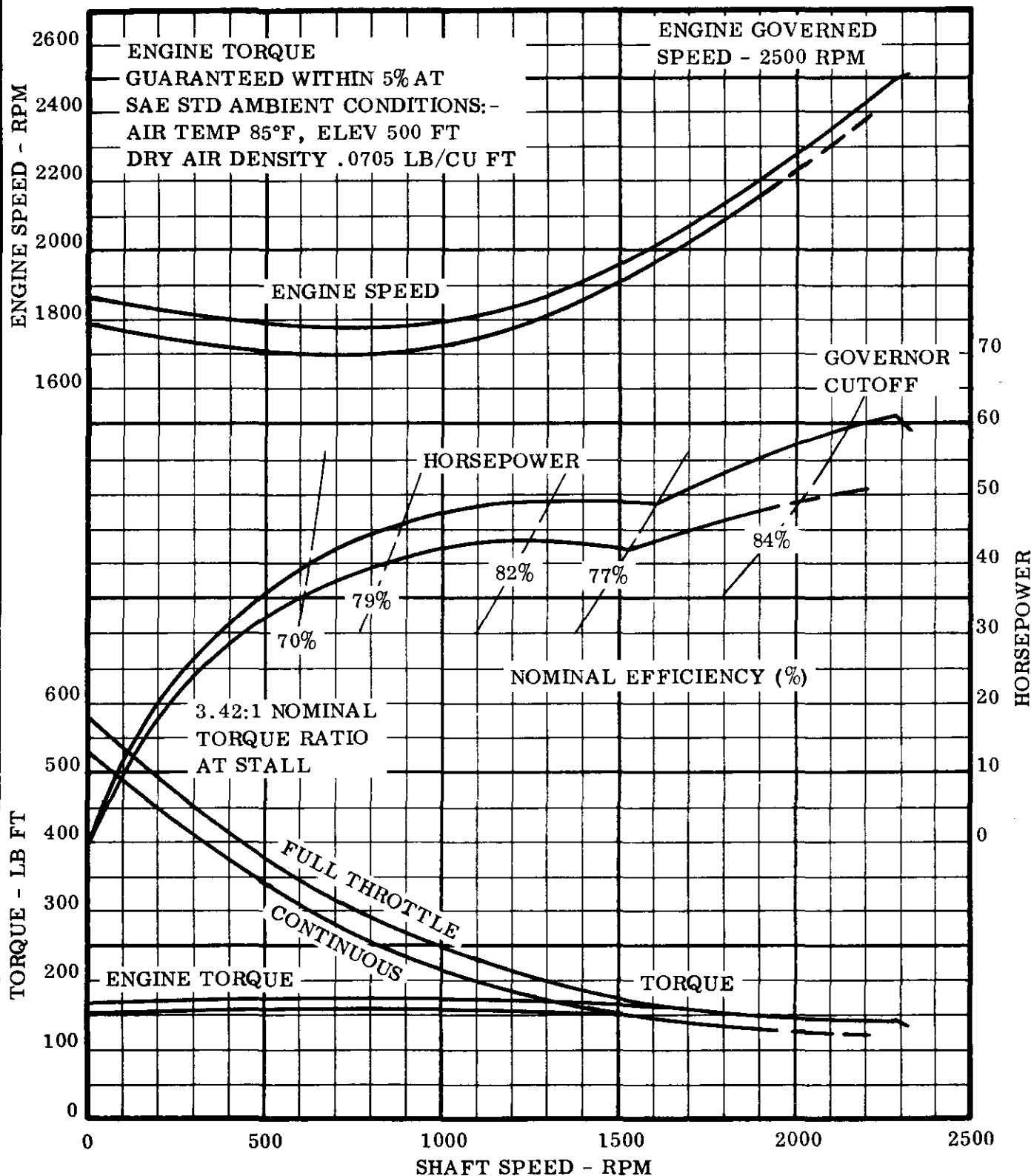
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3-53 TORQUE CONVERTER UNIT

WITH STANDARD EQUIPMENT

S40 INJECTORS

TC-350 CONVERTER





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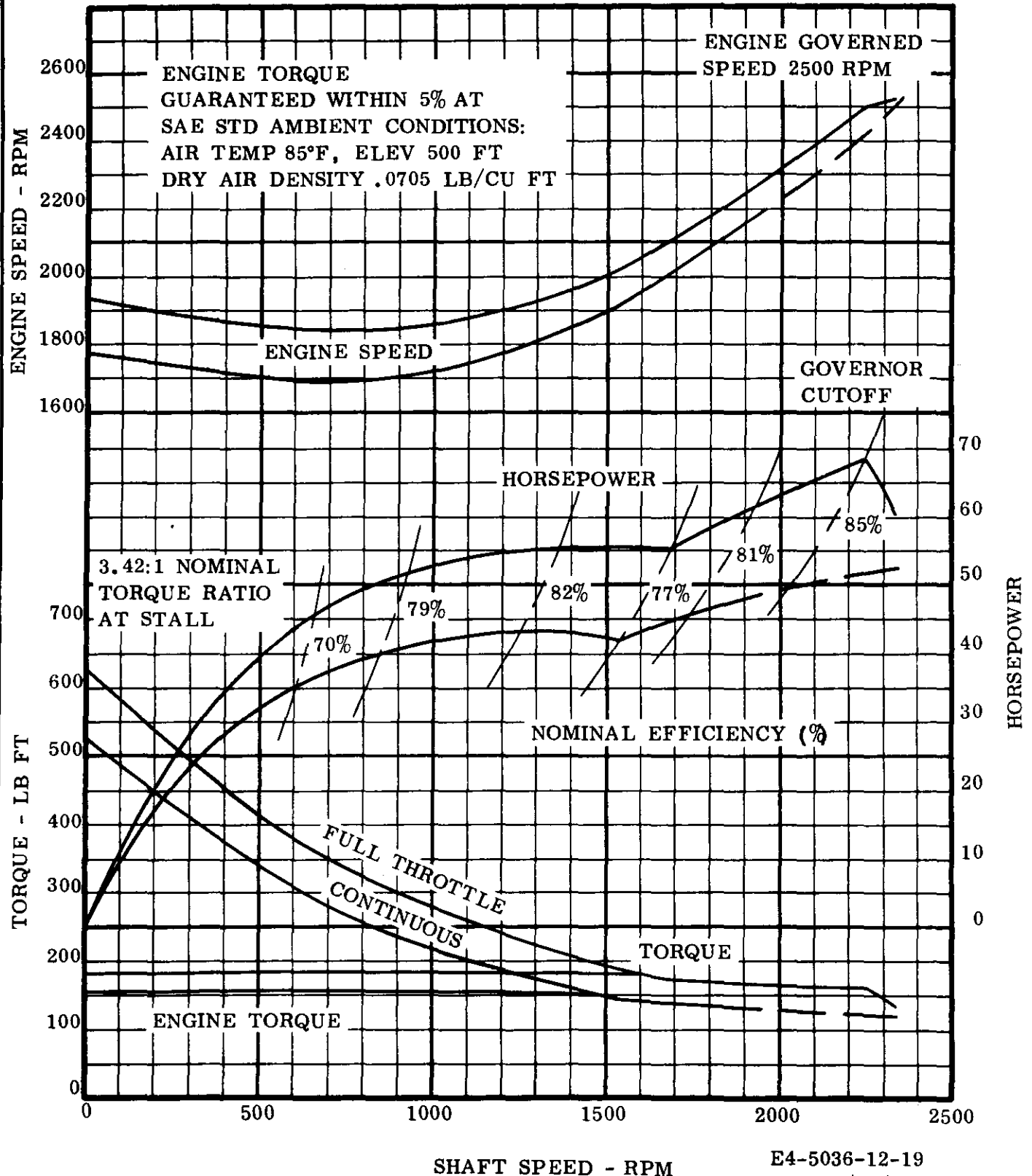
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3-53 (4V) TORQUE CONVERTER UNIT

WITH STANDARD EQUIPMENT

S45 INJECTORS

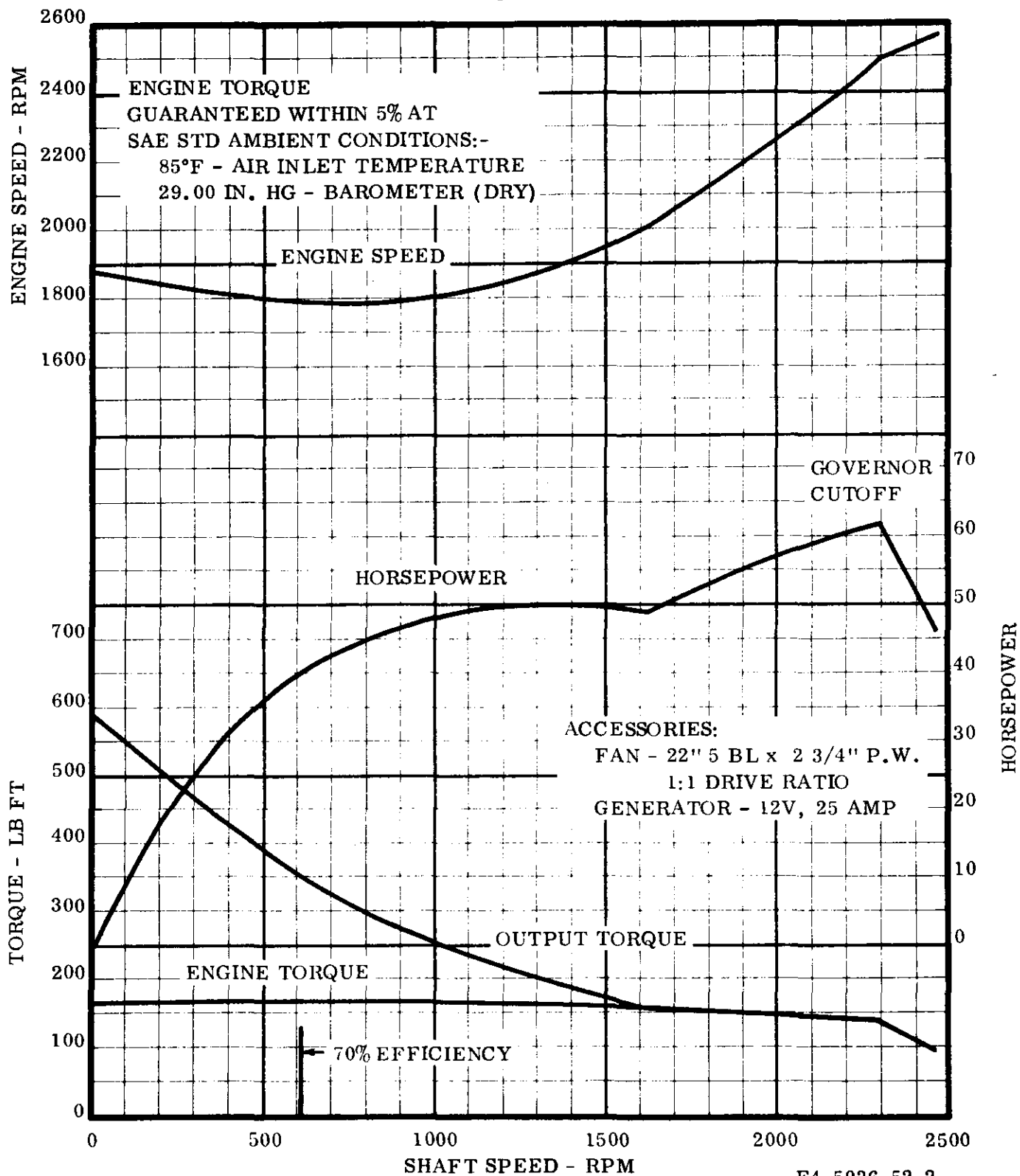
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Division of General Motors Corporation

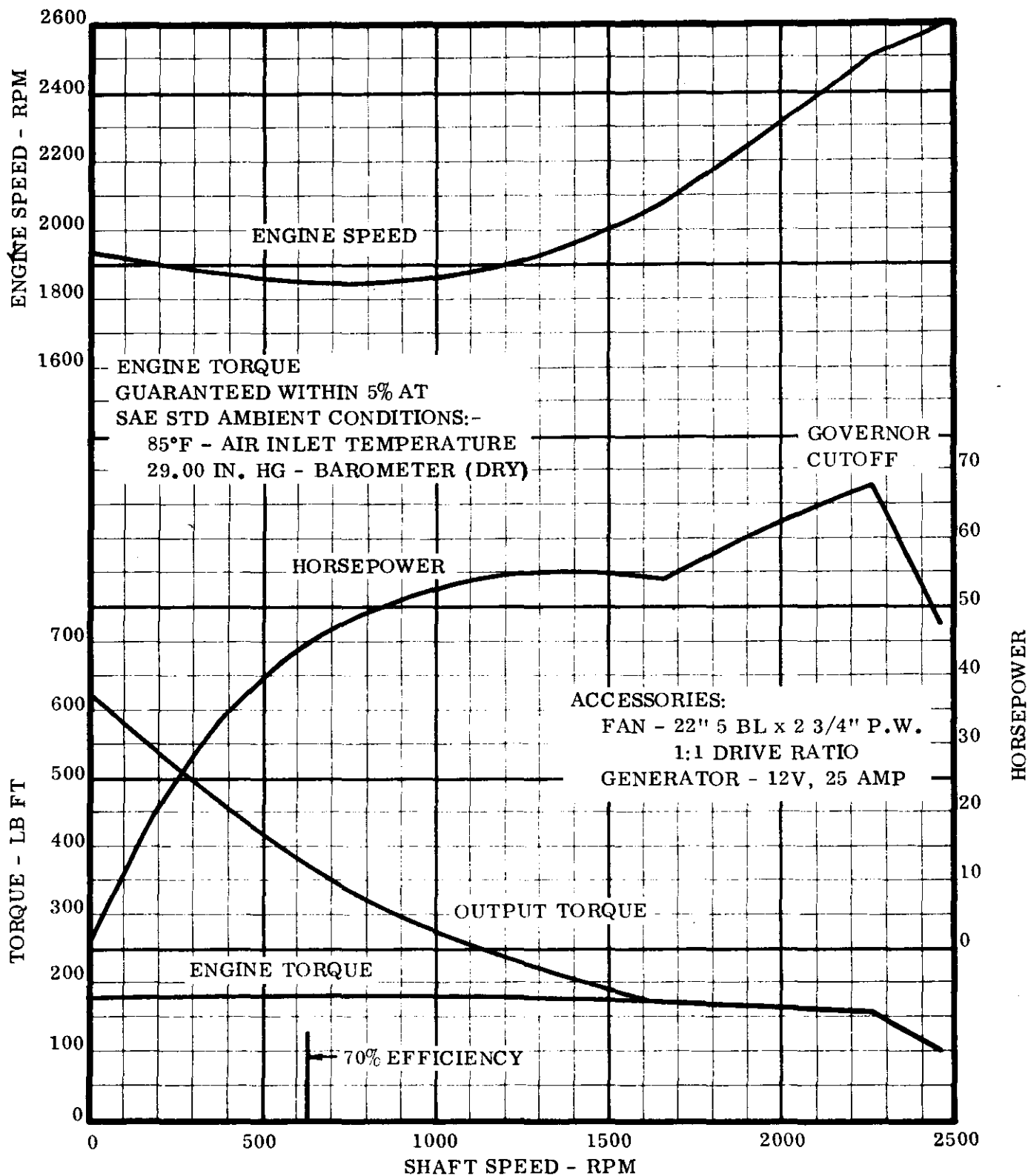
3-53N TORQUE CONVERTER UNIT
NET PERFORMANCE
N40 INJECTORS
TC-350 CONVERTER





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Division of General Motors Corporation

3-53N TORQUE CONVERTER UNIT
NET PERFORMANCE
N45 INJECTORS
TC-350 CONVERTER





DETROIT DIESEL ENGINE DIVISION

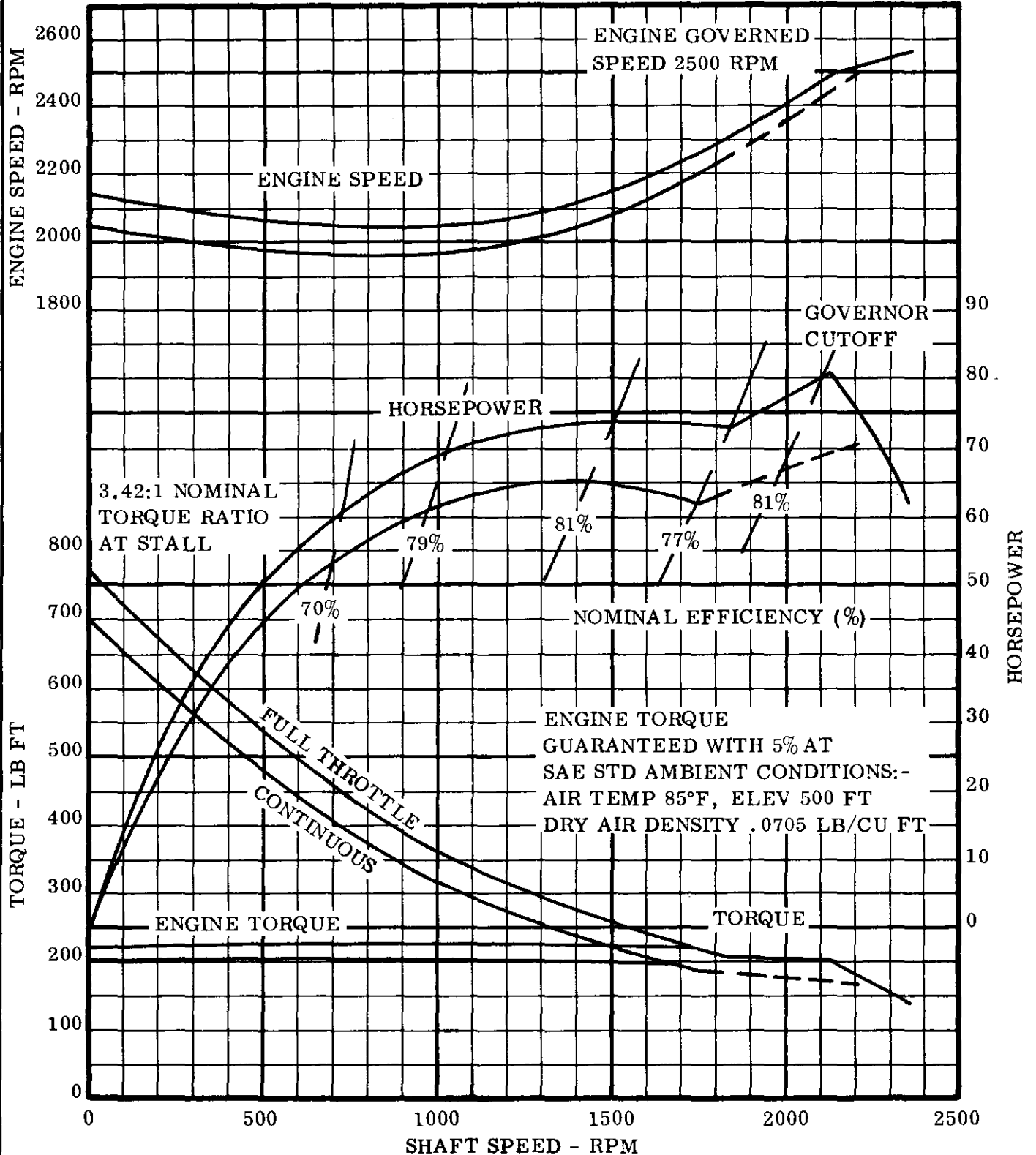
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4-53 (4V) TORQUE CONVERTER UNIT

WITH STANDARD EQUIPMENT

S40 INJECTORS

TC-350 CONVERTER





DETROIT DIESEL ENGINE DIVISION

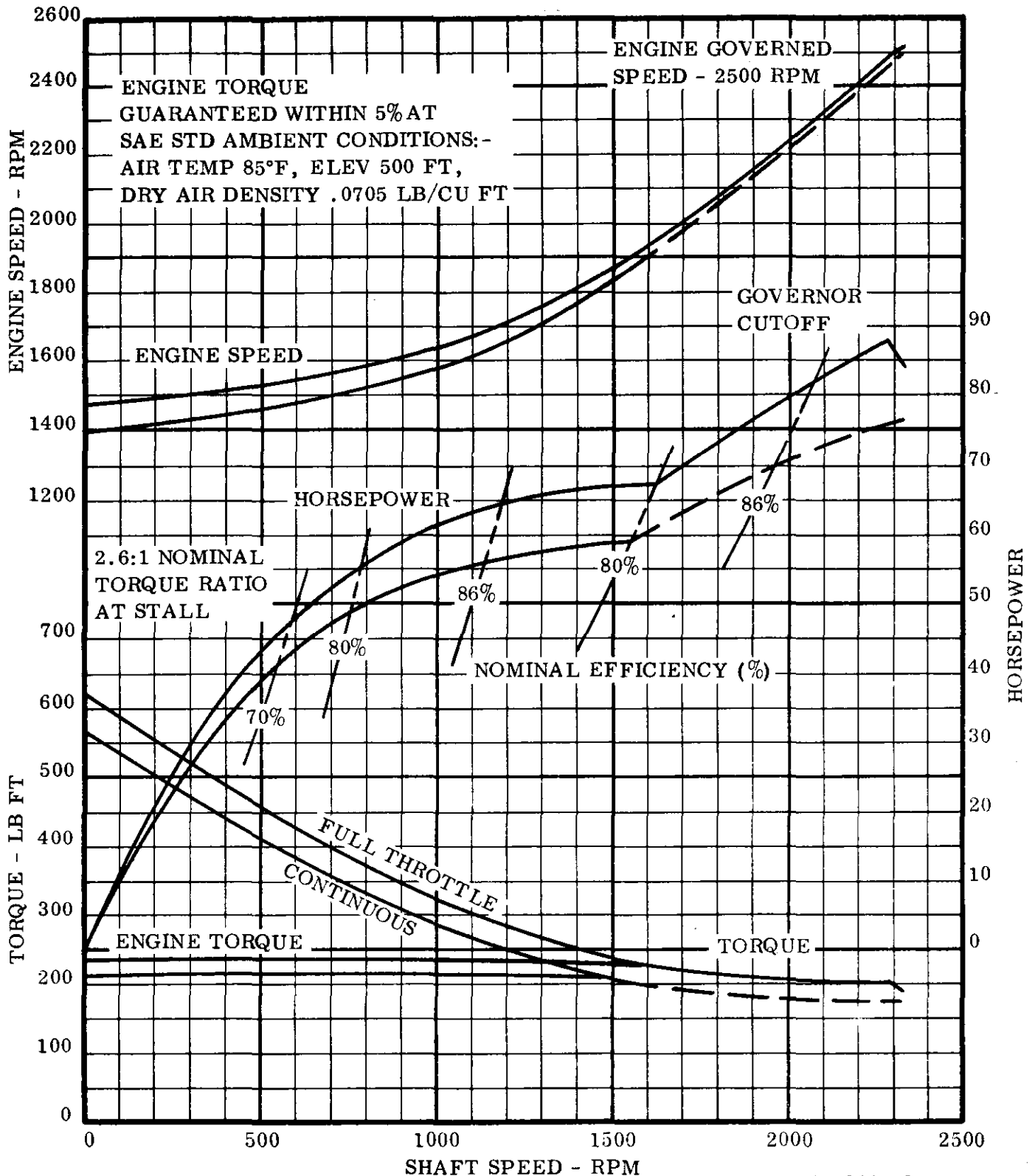
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4-53 (4V) TORQUE CONVERTER UNIT

WITH STANDARD EQUIPMENT

S40 INJECTORS

TC-370 CONVERTER





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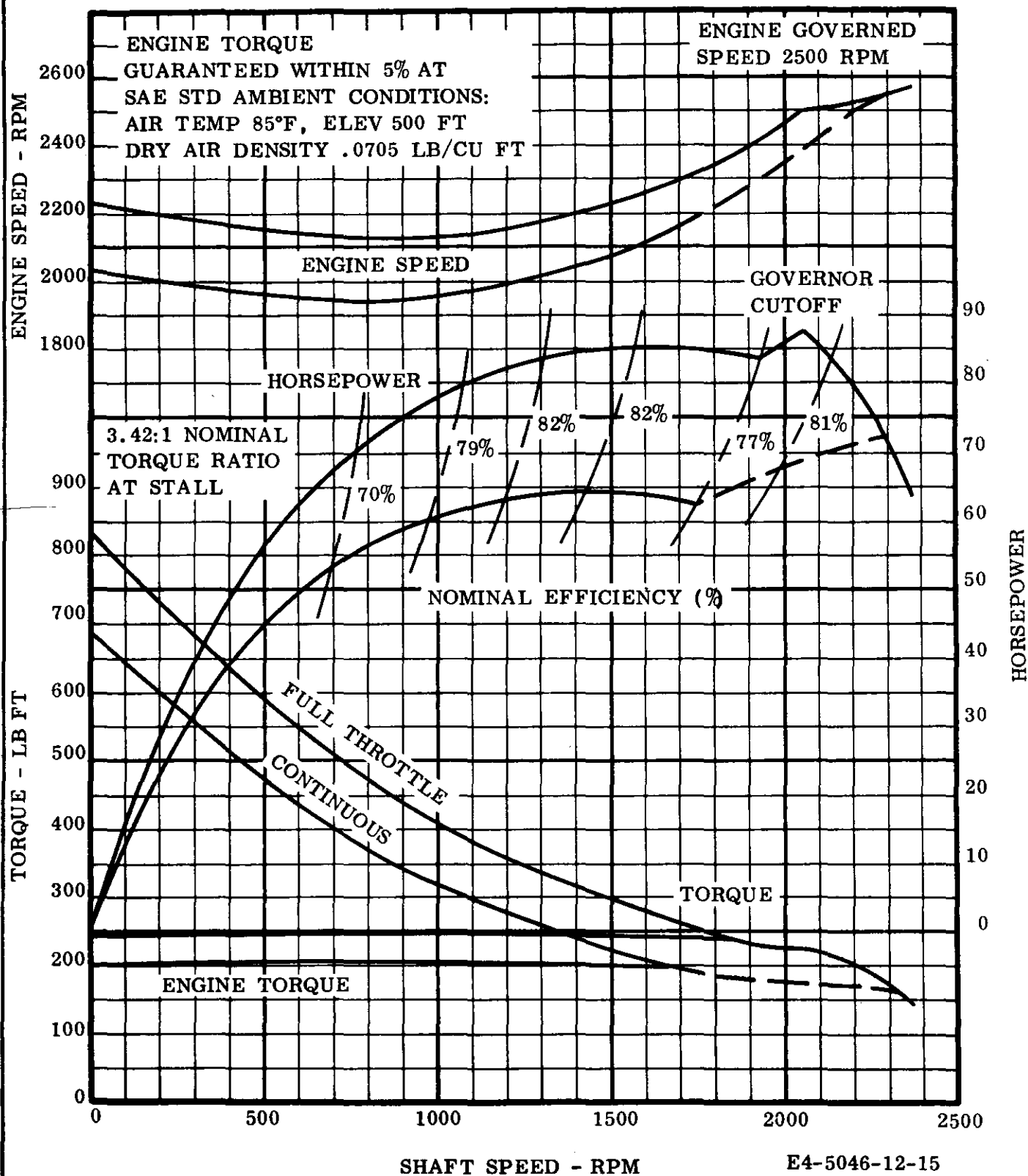
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WITH STANDARD EQUIPMENT

S45 INJECTORS

CONVERTOR TC-350





DETROIT DIESEL ENGINE DIVISION

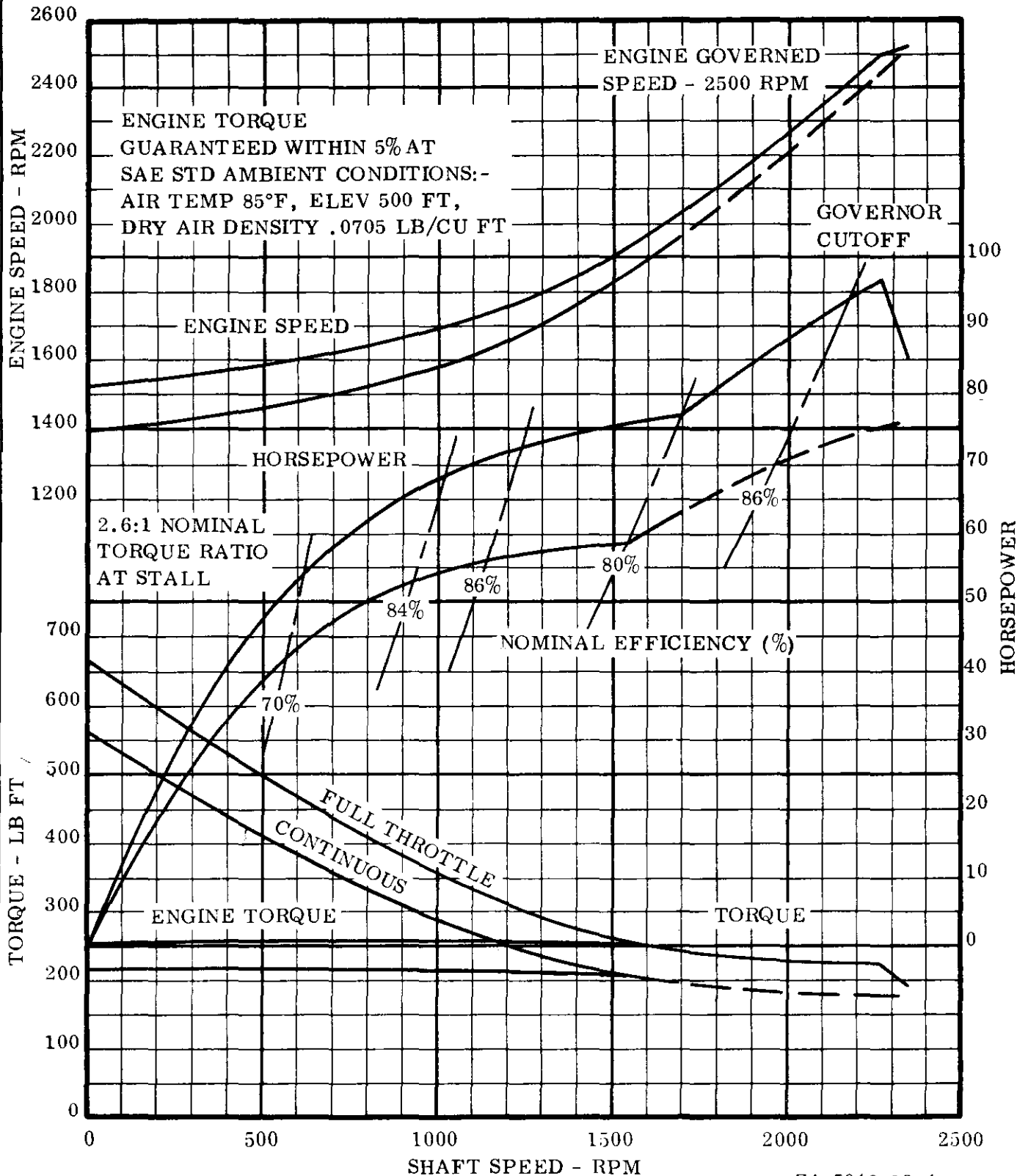
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4-53 (4V) TORQUE CONVERTER UNIT

WITH STANDARD EQUIPMENT

S45 INJECTORS

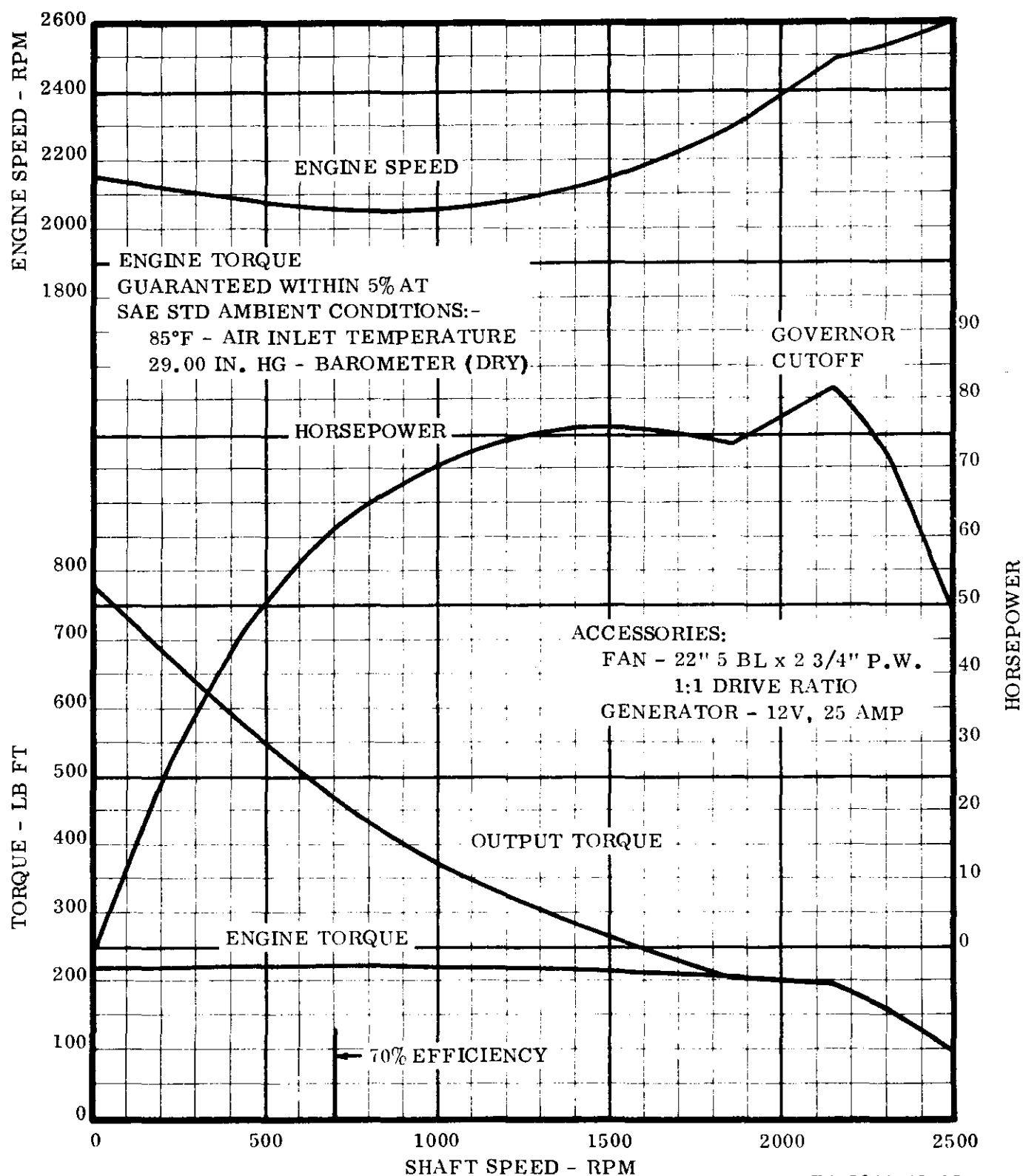
TC-370 CONVERTER





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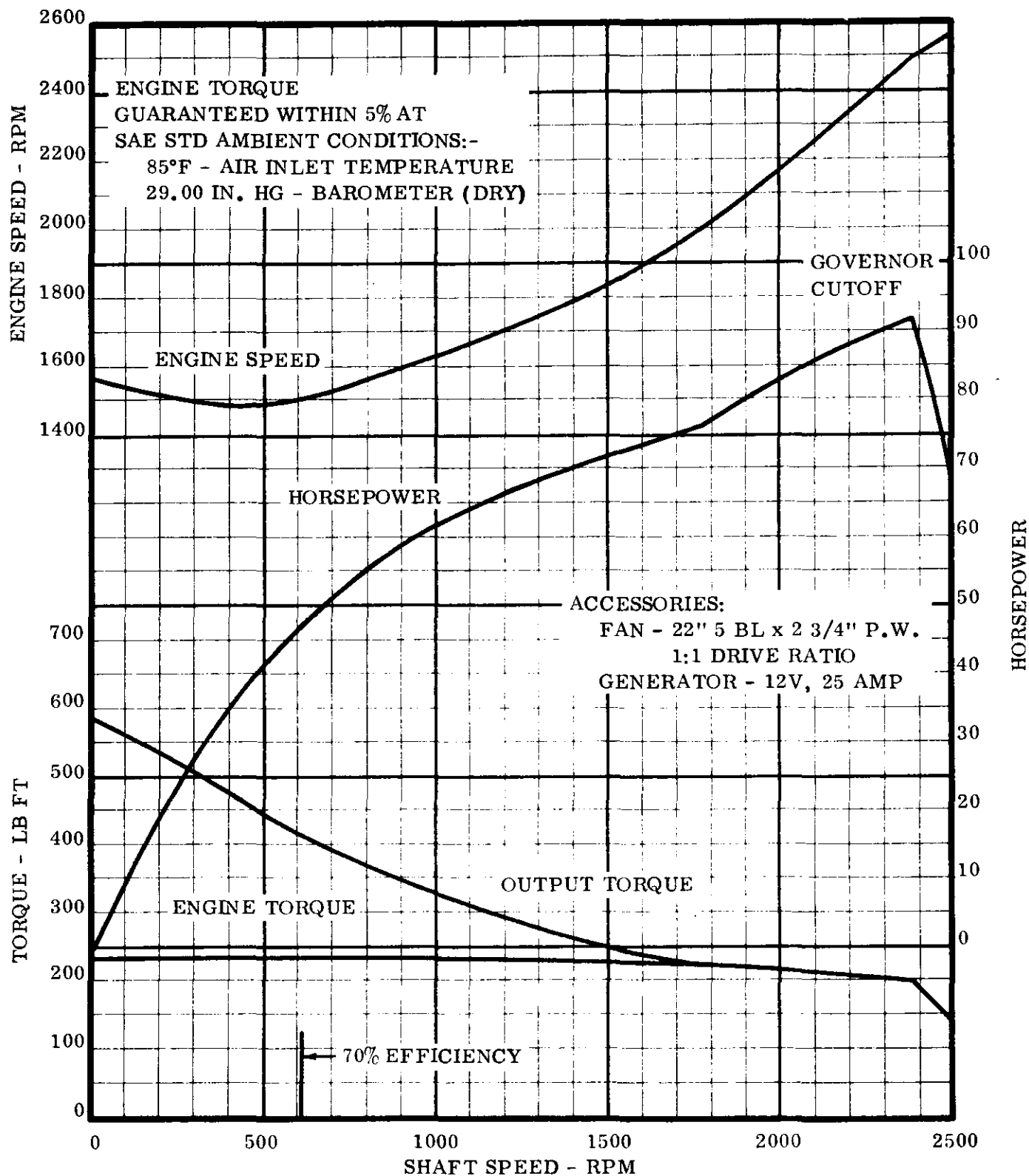
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NET PERFORMANCE
N40 INJECTORS
TC-350 CONVERTER





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Division of General Motors Corporation

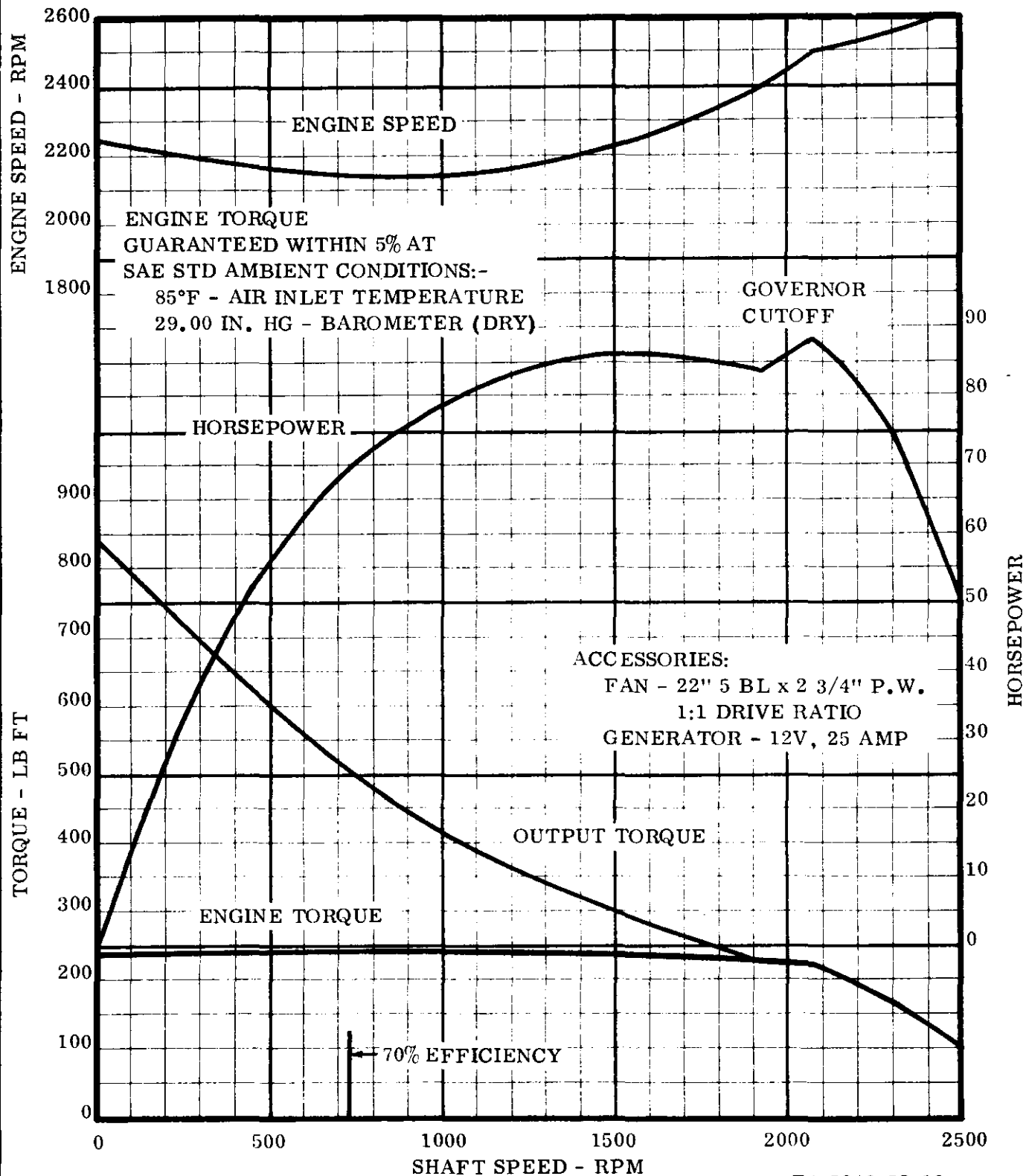
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NET PERFORMANCE
N40 INJECTORS
TC-370 CONVERTER





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Division of General Motors Corporation

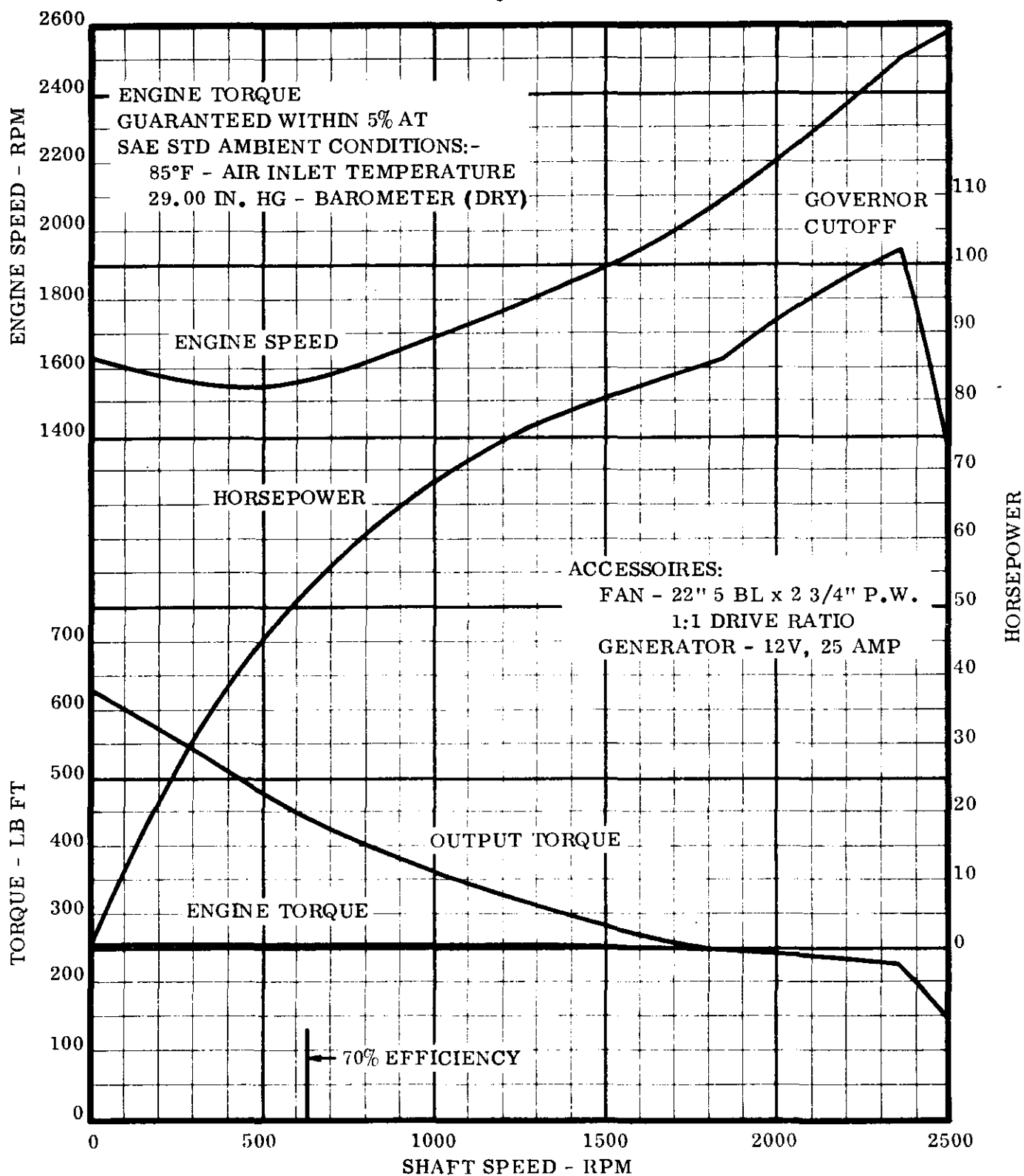
4-53N TORQUE CONVERTER UNIT
NET PERFORMANCE
N45 INJECTORS
TC-350 CONVERTER





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Division of General Motors Corporation

4-53N TORQUE CONVERTER UNIT
NET PERFORMANCE
N45 INJECTORS
TC-370 CONVERTER





DETROIT DIESEL ENGINE DIVISION

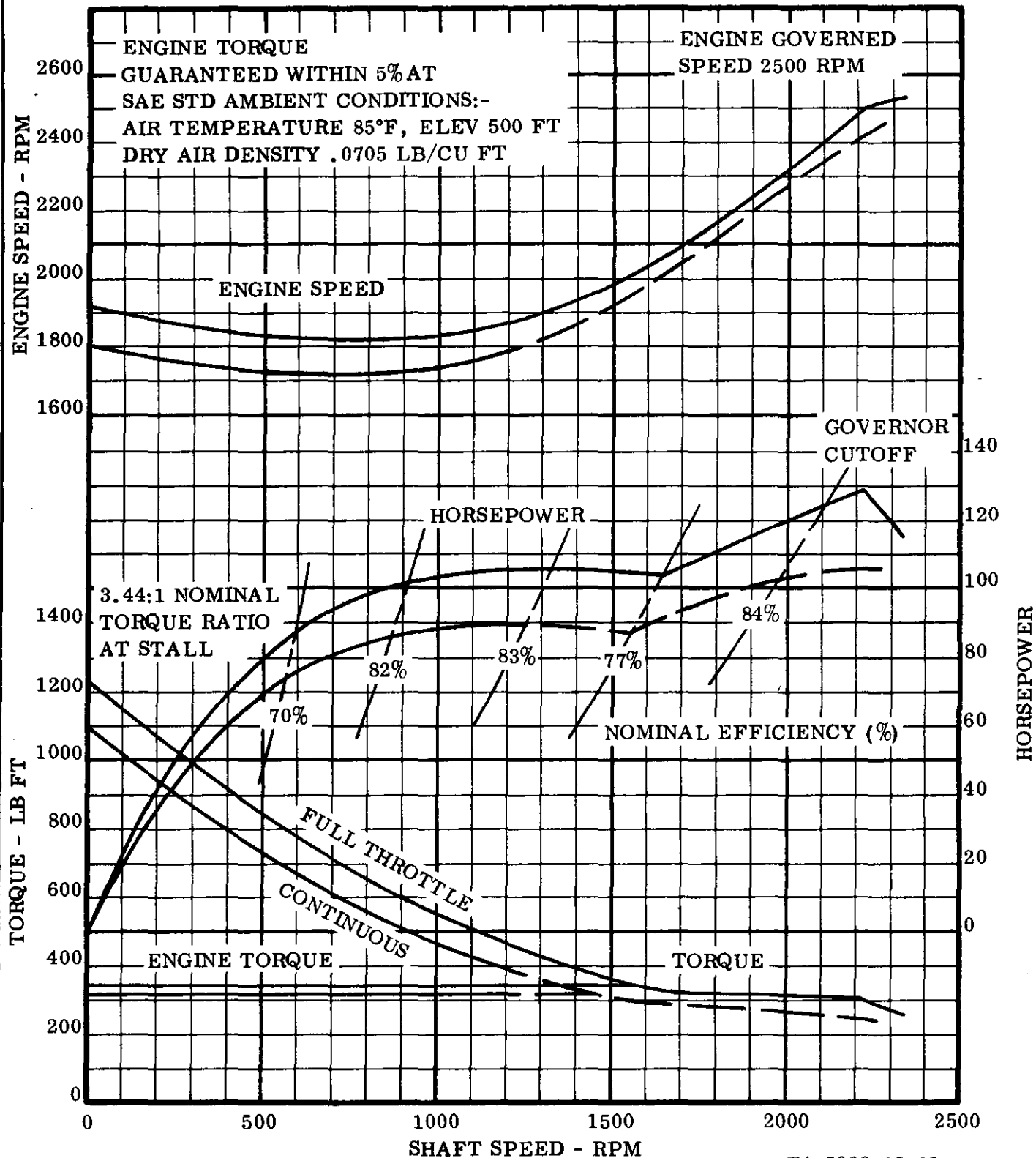
GENERAL MOTORS CORPORATION

6V-53 TORQUE CONVERTER UNIT

WITH STANDARD EQUIPMENT

S40 INJECTORS

TC-430 CONVERTER





DETROIT DIESEL ENGINE DIVISION

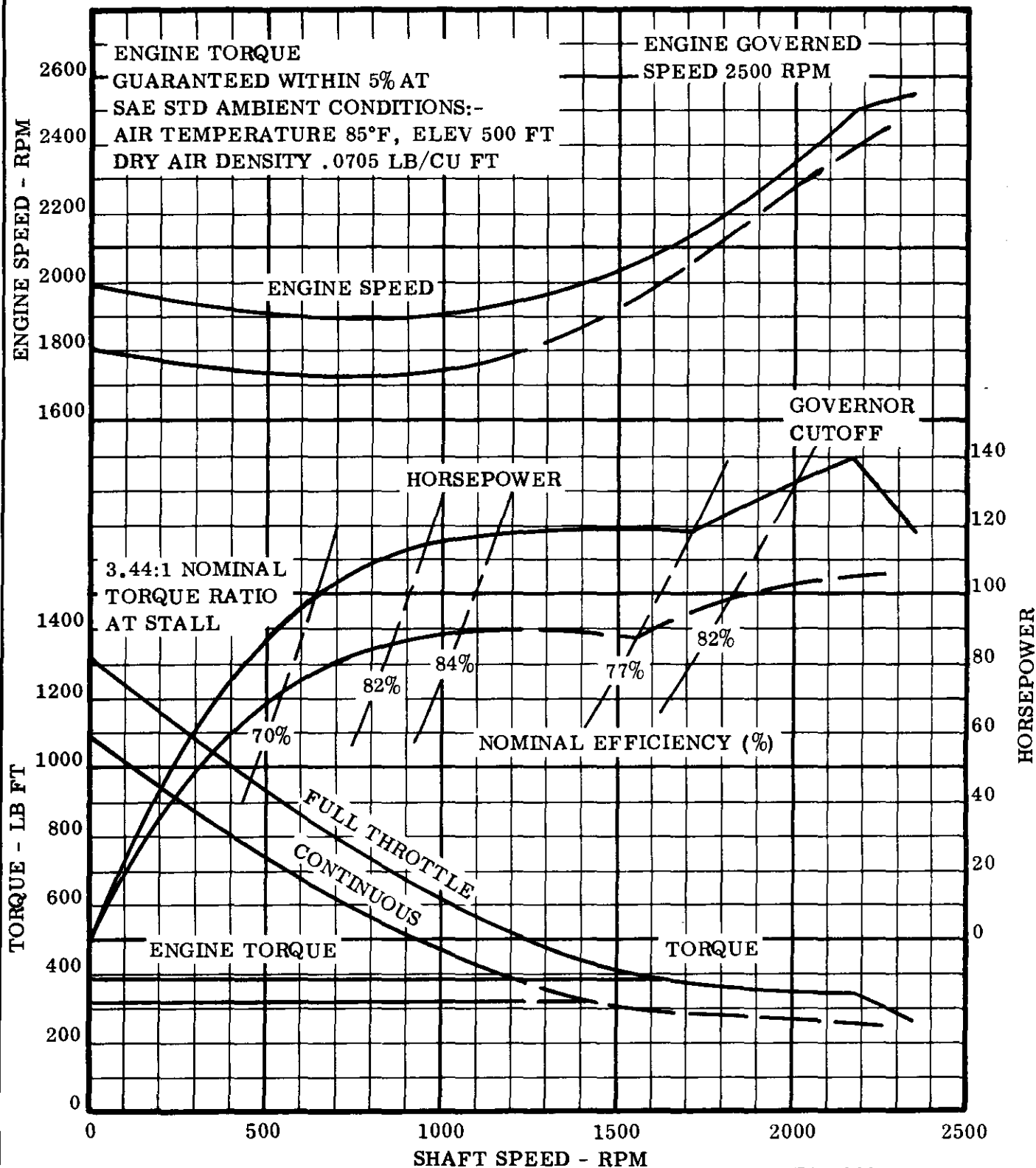
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6V-53 TORQUE CONVERTER UNIT

WITH STANDARD EQUIPMENT

S45 INJECTORS

TC-430 CONVERTER





DETROIT DIESEL ENGINE DIVISION

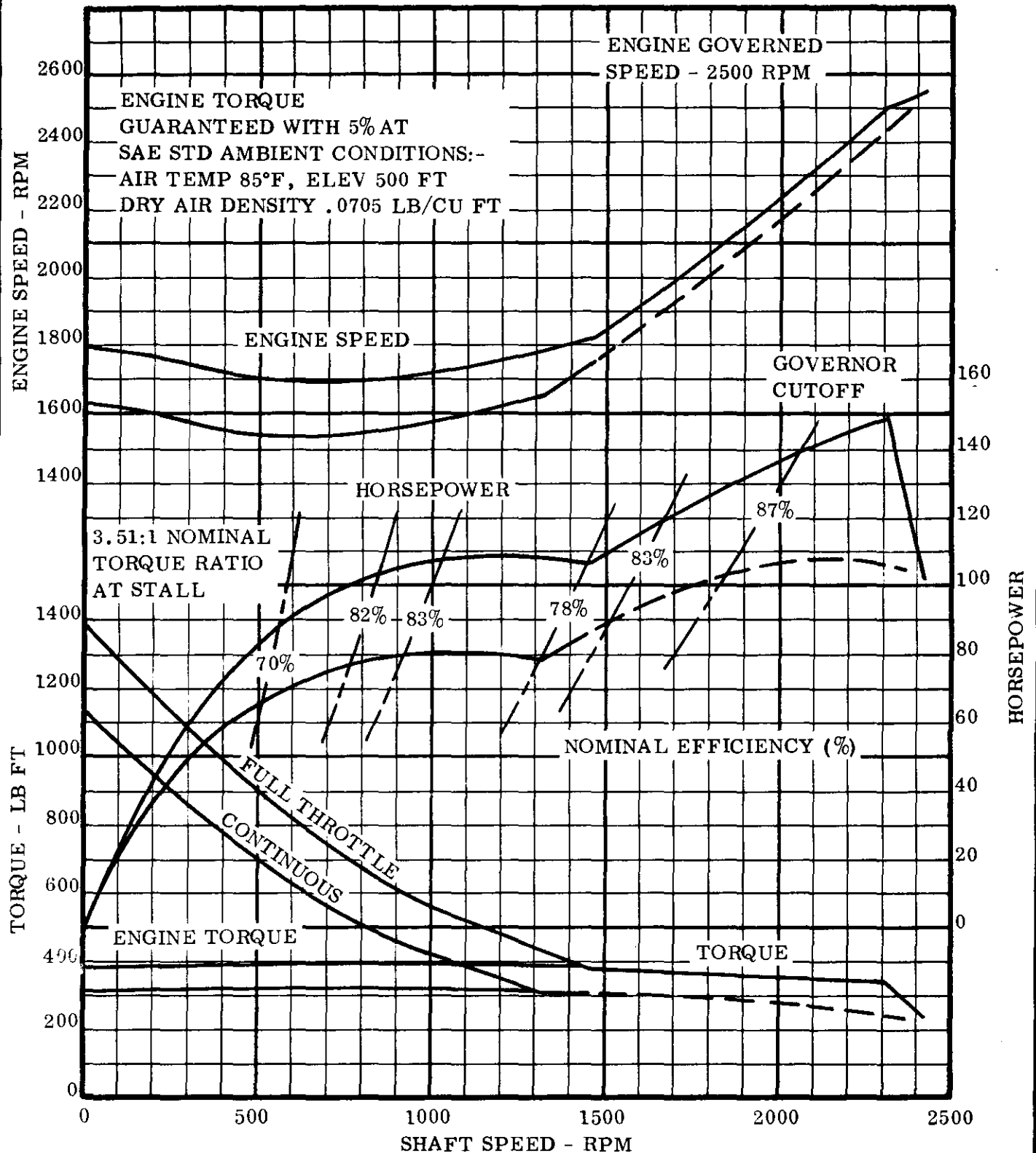
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6V-53 TORQUE CONVERTER UNIT

WITH STANDARD EQUIPMENT

S45 INJECTORS

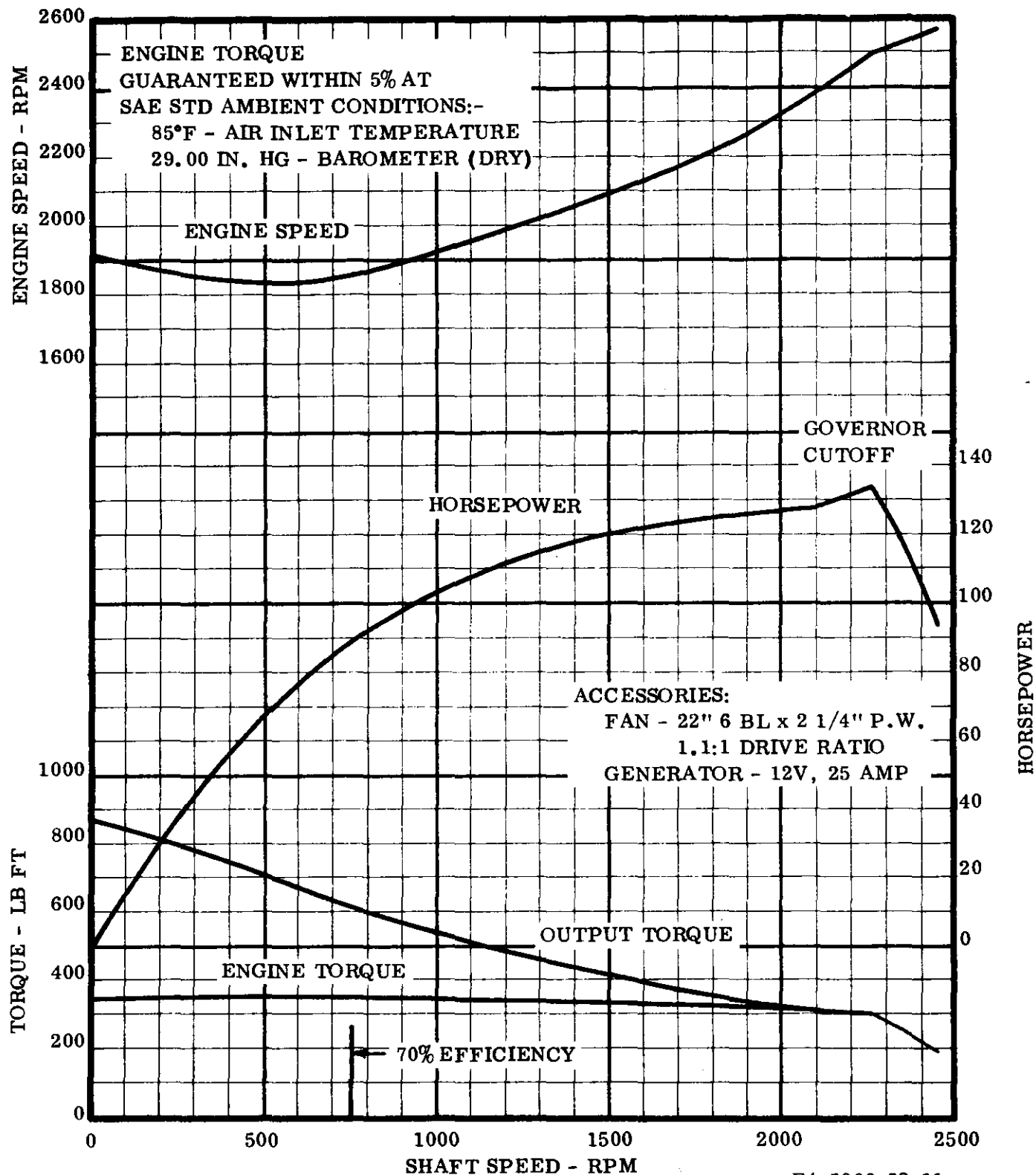
TC-530 CONVERTER





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Division of General Motors Corporation

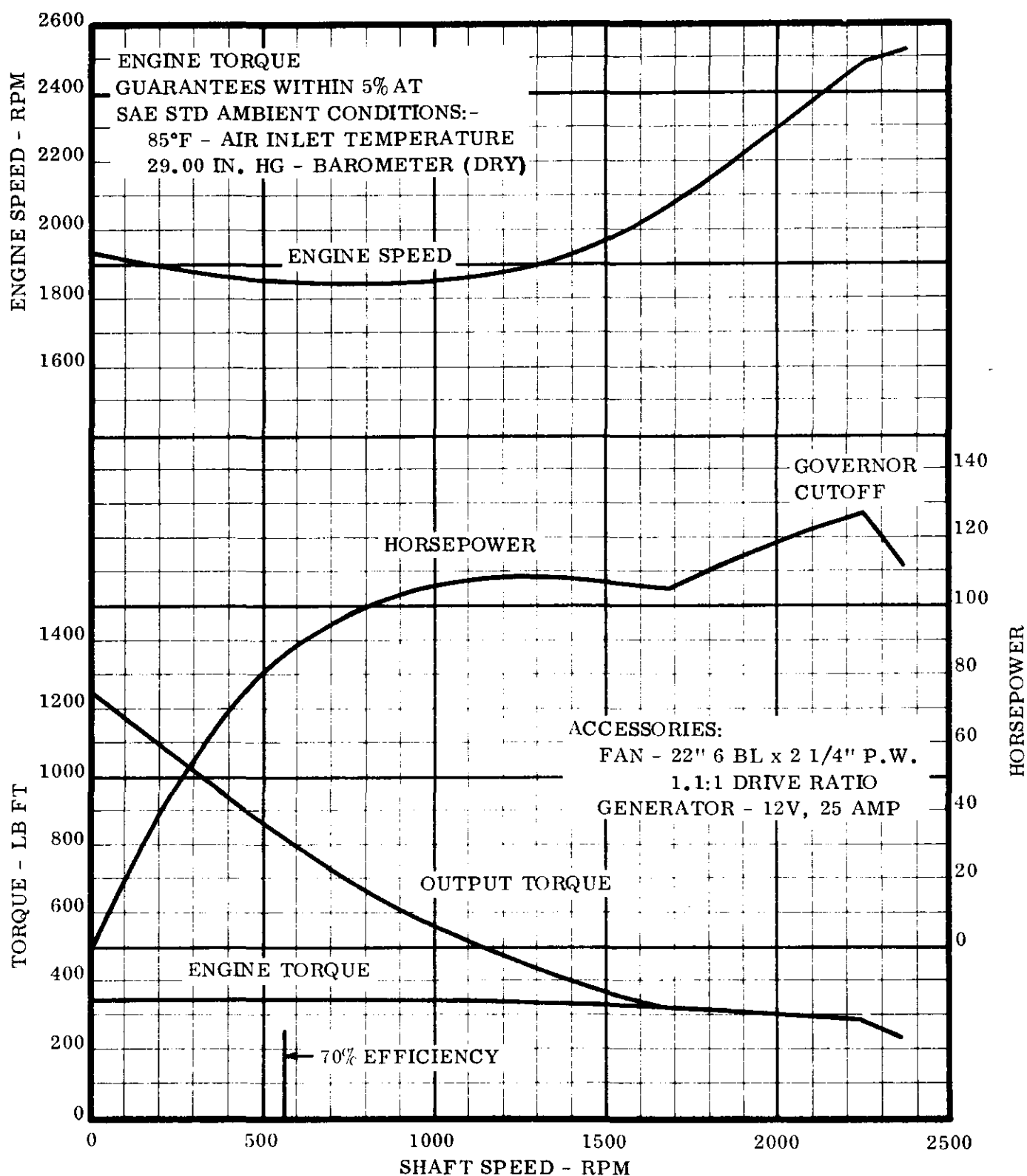
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NET PERFORMANCE
N40 INJECTORS
TC-370 CONVERTER





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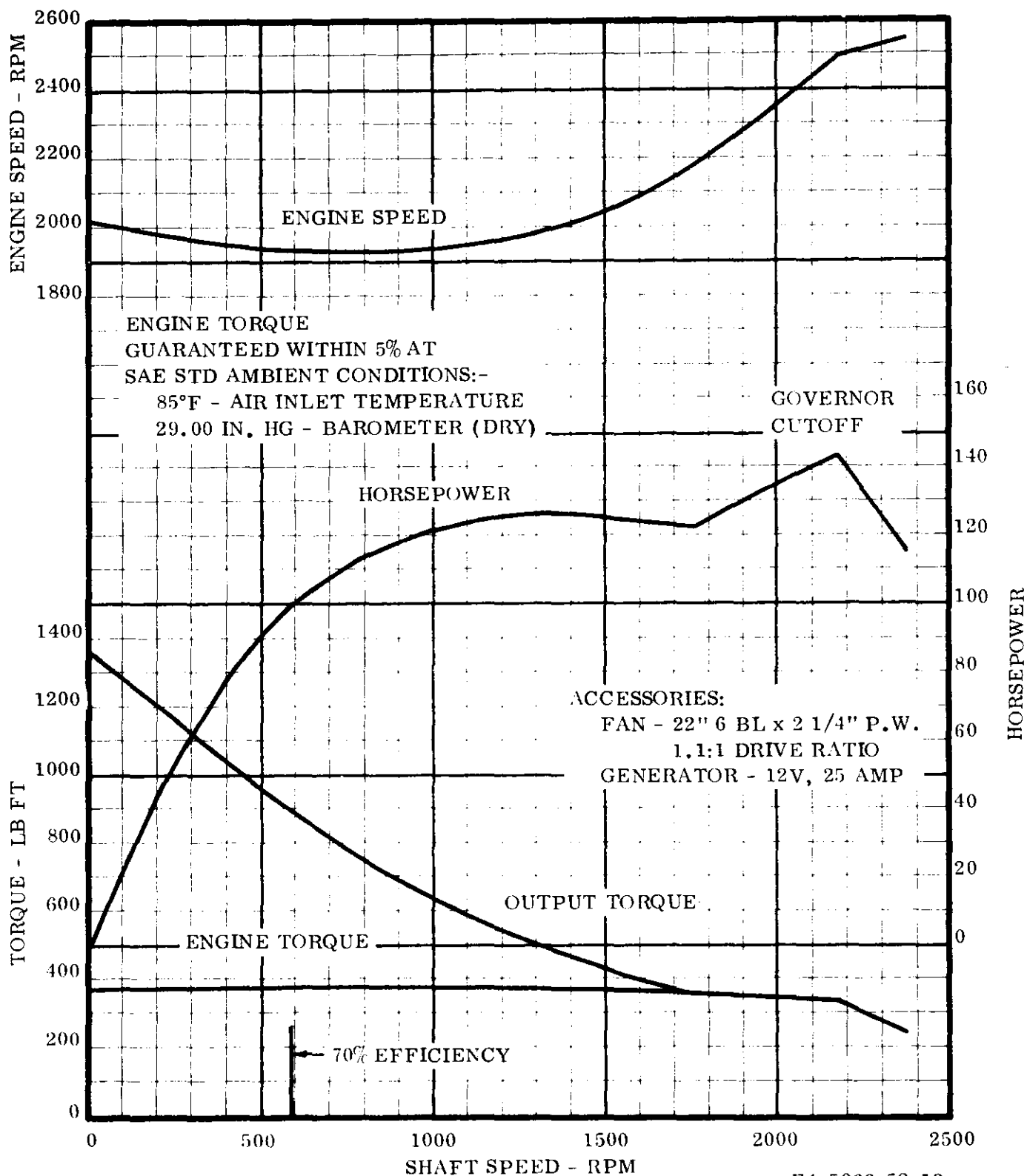
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N40 INJECTORS
TC-430 CONVERTER





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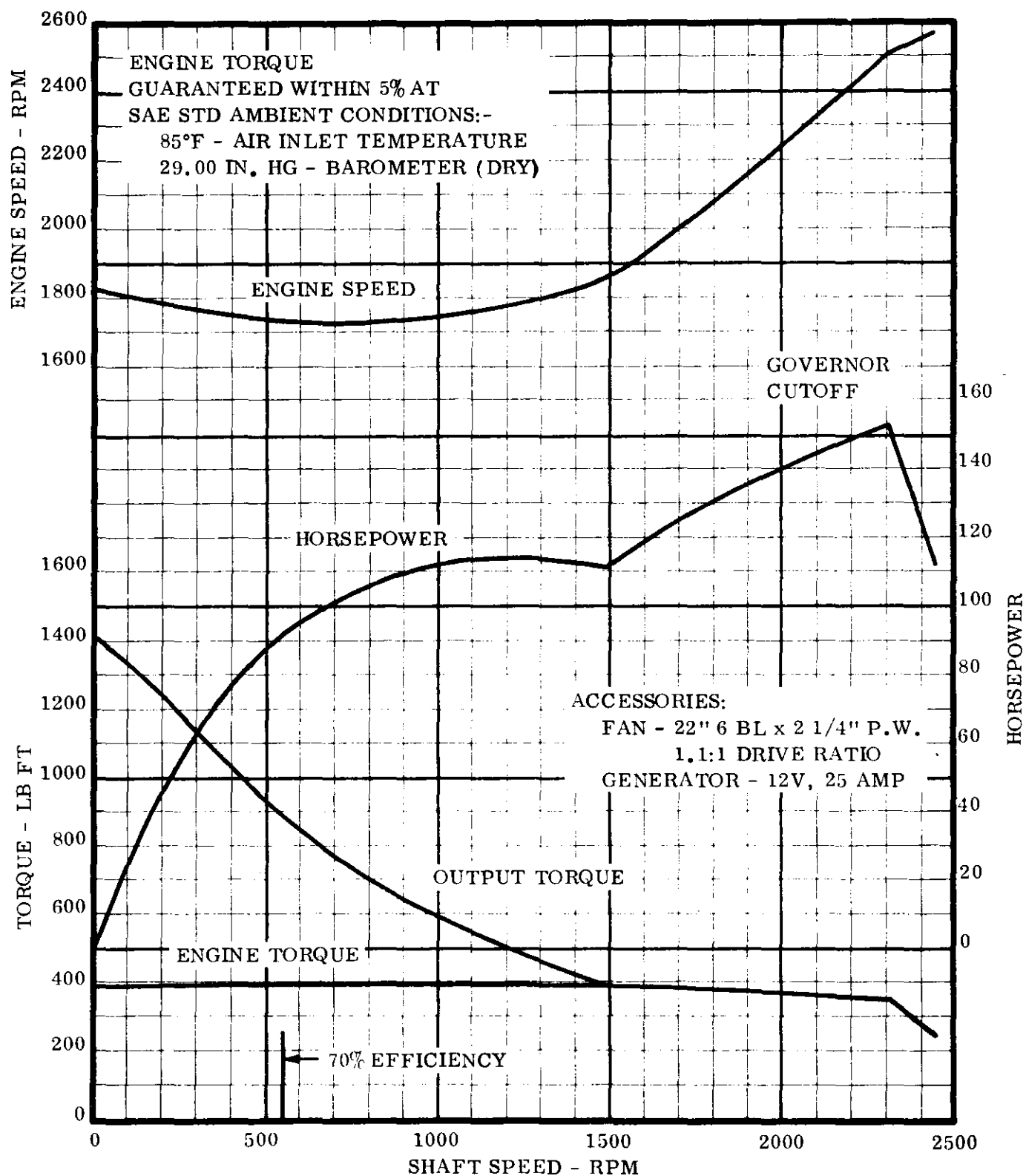
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N45 INJECTORS
TC-430 CONVERTER





Detroit Diesel Allison
Division of General Motors Corporation

6V-53N TORQUE CONVERTER UNIT
NET PERFORMANCE
N45 INJECTORS
TC-530 CONVERTER

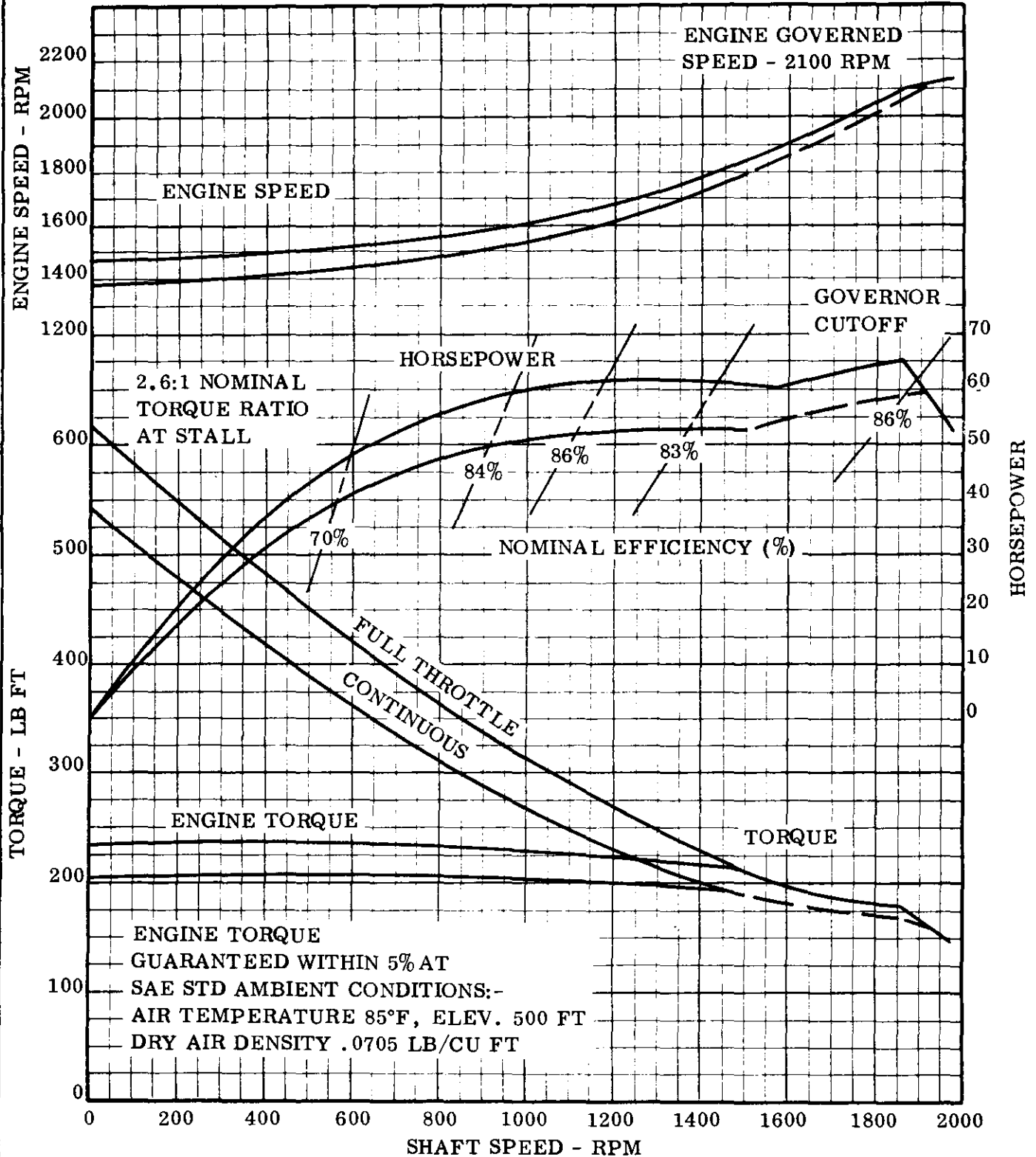




DETROIT DIESEL ENGINE DIVISION

GENERAL MOTORS CORPORATION

SERIES 71 TORQUE CONVERTER UNIT
MODELS 3080, 3081 AND 3082 WITH STANDARD EQUIPMENT
HV6 INJECTORS
TC-370 CONVERTER





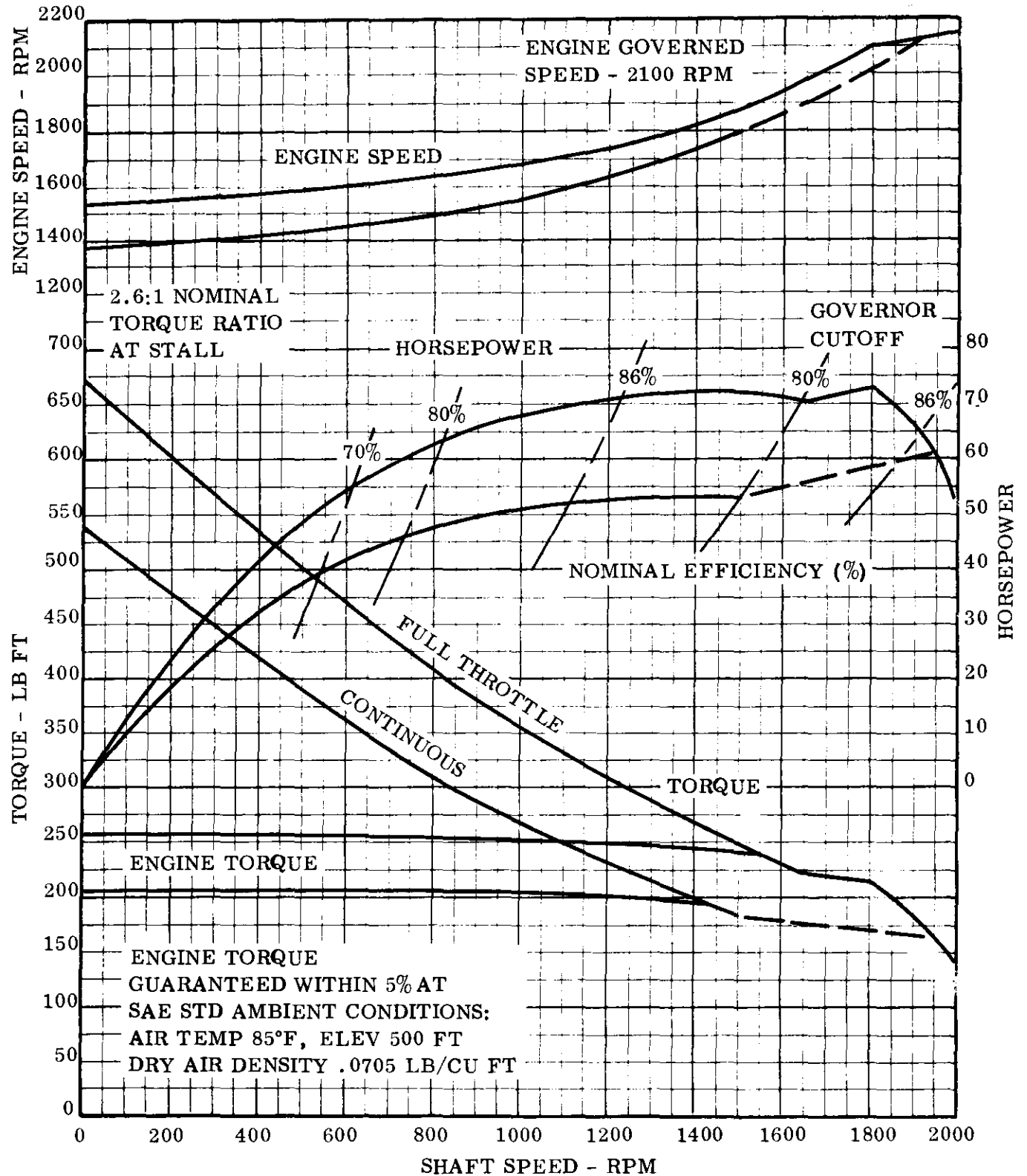
DETROIT DIESEL ENGINE DIVISION

GENERAL MOTORS CORPORATION

SERIES 71 TORQUE CONVERTER UNIT
MODELS 3080, 3081 AND 3082 WITH STANDARD EQUIPMENT

HV7 INJECTORS

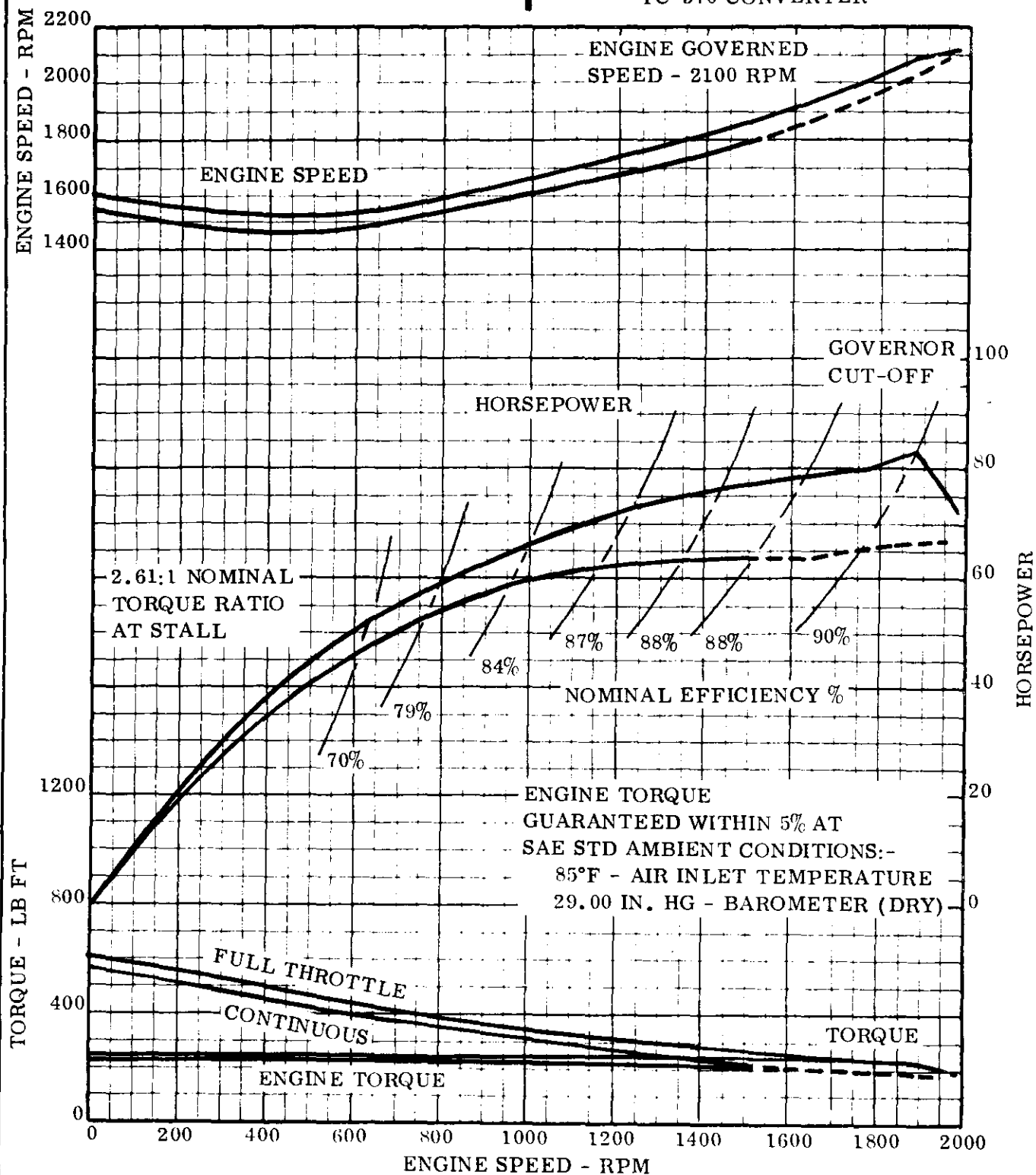
TC-370 CONVERTER





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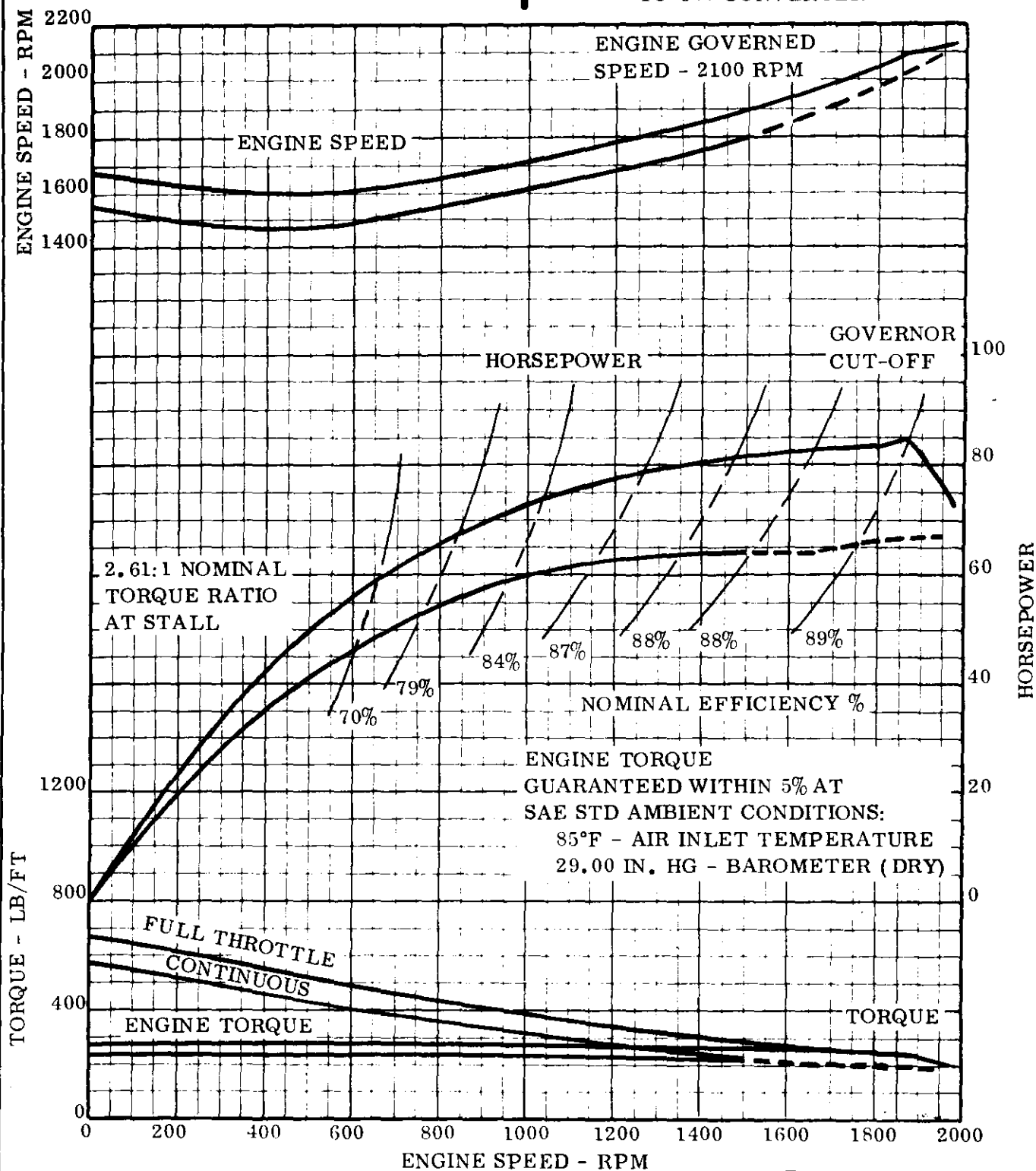
3-71(2V) TORQUE CONVERTER UNIT
WITH STANDARD EQUIPMENT
N65 INJECTORS
ADVANCED CAMSHAFT TIMING
TC-370 CONVERTER





Detroit Diesel Allison
Division of General Motors Corporation

3-71N(4V) TORQUE CONVERTER UNIT
WITH STANDARD EQUIPMENT
N65 INJECTORS
ADVANCED CAMSHAFT TIMING
TC-370 CONVERTER

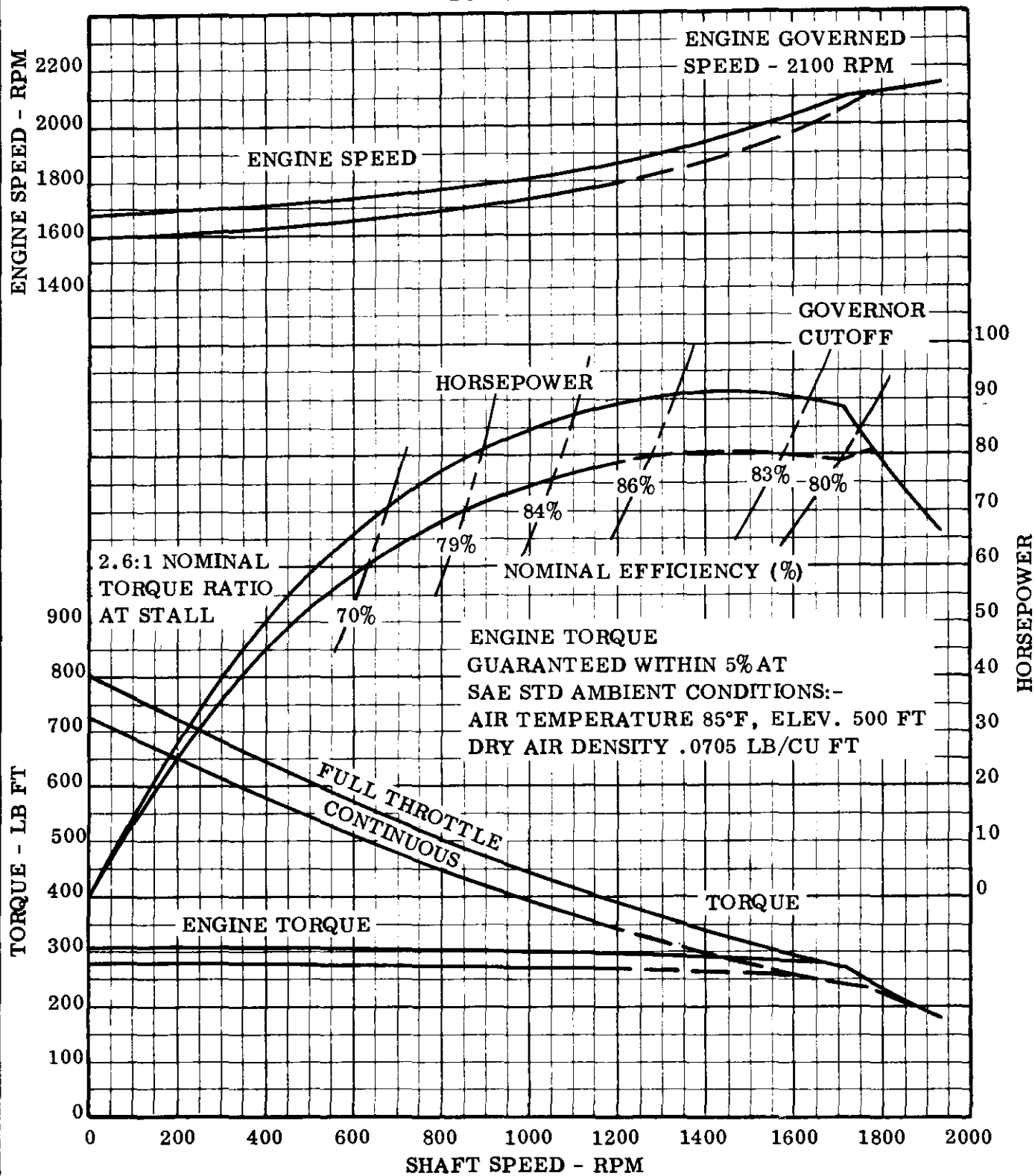




DETROIT DIESEL ENGINE DIVISION

GENERAL MOTORS CORPORATION

SERIES 71 TORQUE CONVERTER UNIT
MODELS 4080, 4081 AND 4082 WITH STANDARD EQUIPMENT
HV6 INJECTORS
TC-370 CONVERTER

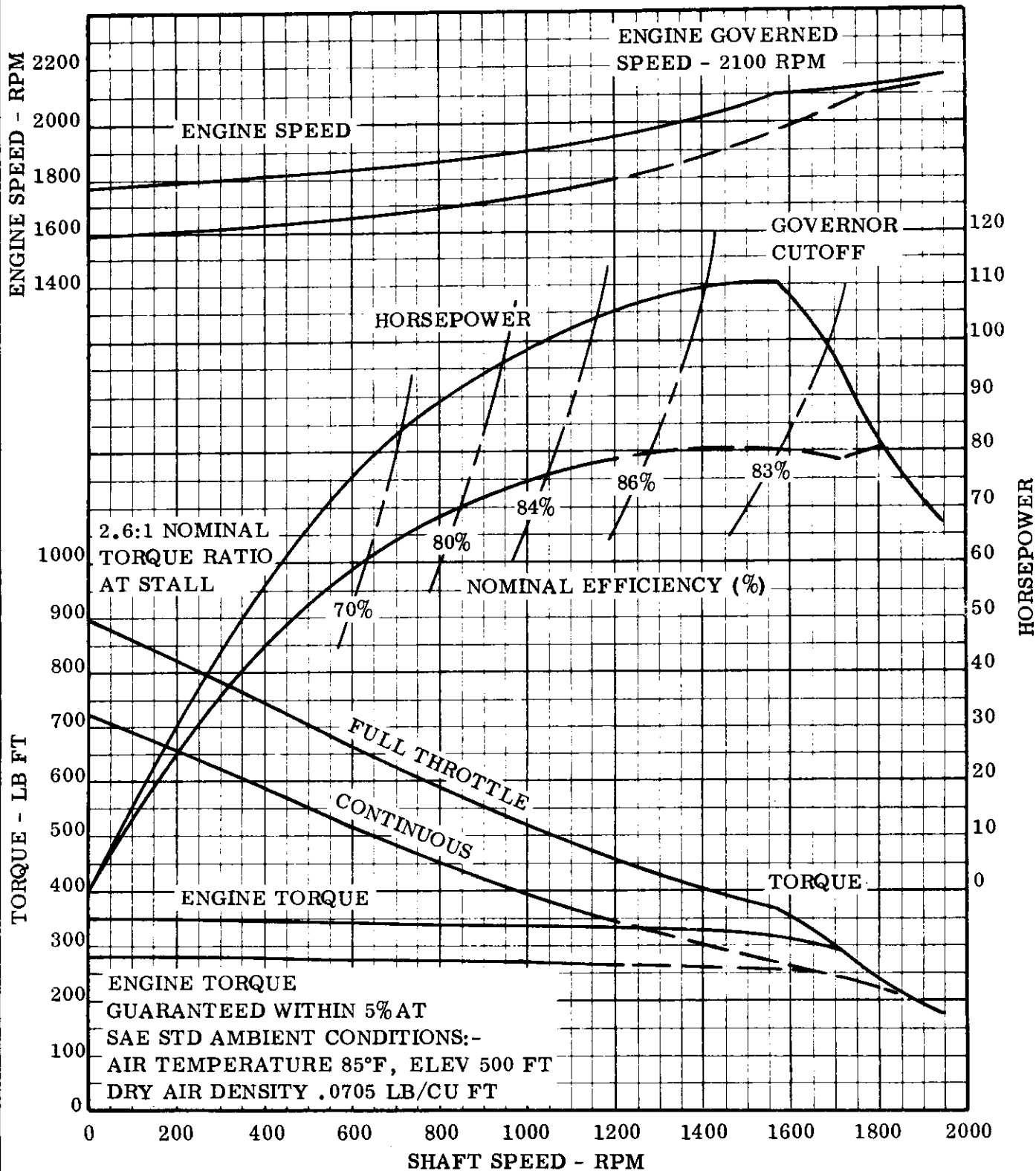




DETROIT DIESEL ENGINE DIVISION

GENERAL MOTORS CORPORATION

SERIES 71 TORQUE CONVERTER UNIT
MODELS 4080, 4081, AND 4082 WITH STANDARD EQUIPMENT
HV7 INJECTORS
TC-370 CONVERTER



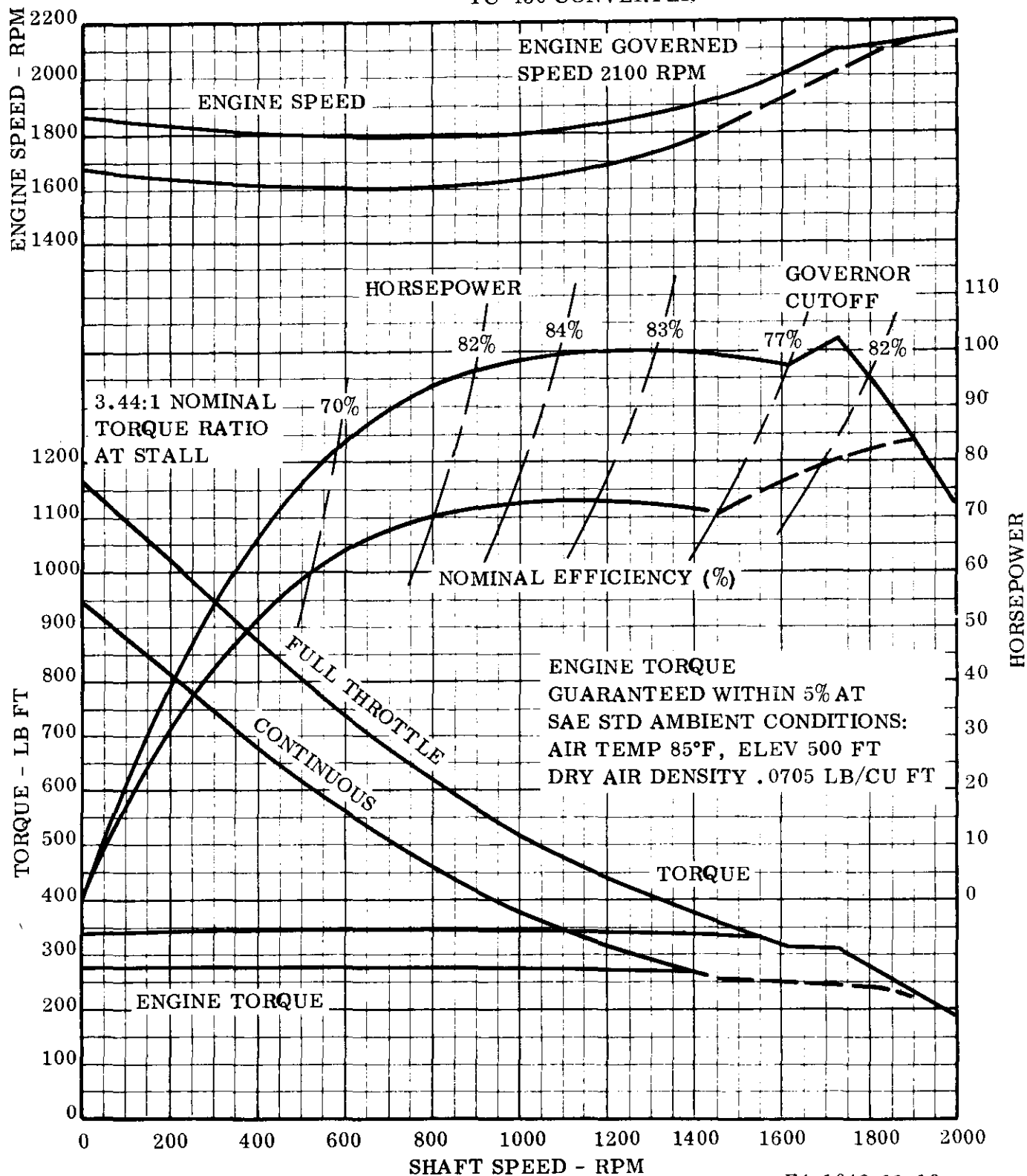


DETROIT DIESEL ENGINE DIVISION

GENERAL MOTORS CORPORATION

SERIES 71 TORQUE CONVERTER UNIT
MODELS 4080, 4081 AND 4082 WITH STANDARD EQUIPMENT

HV7 INJECTORS
TC-430 CONVERTER

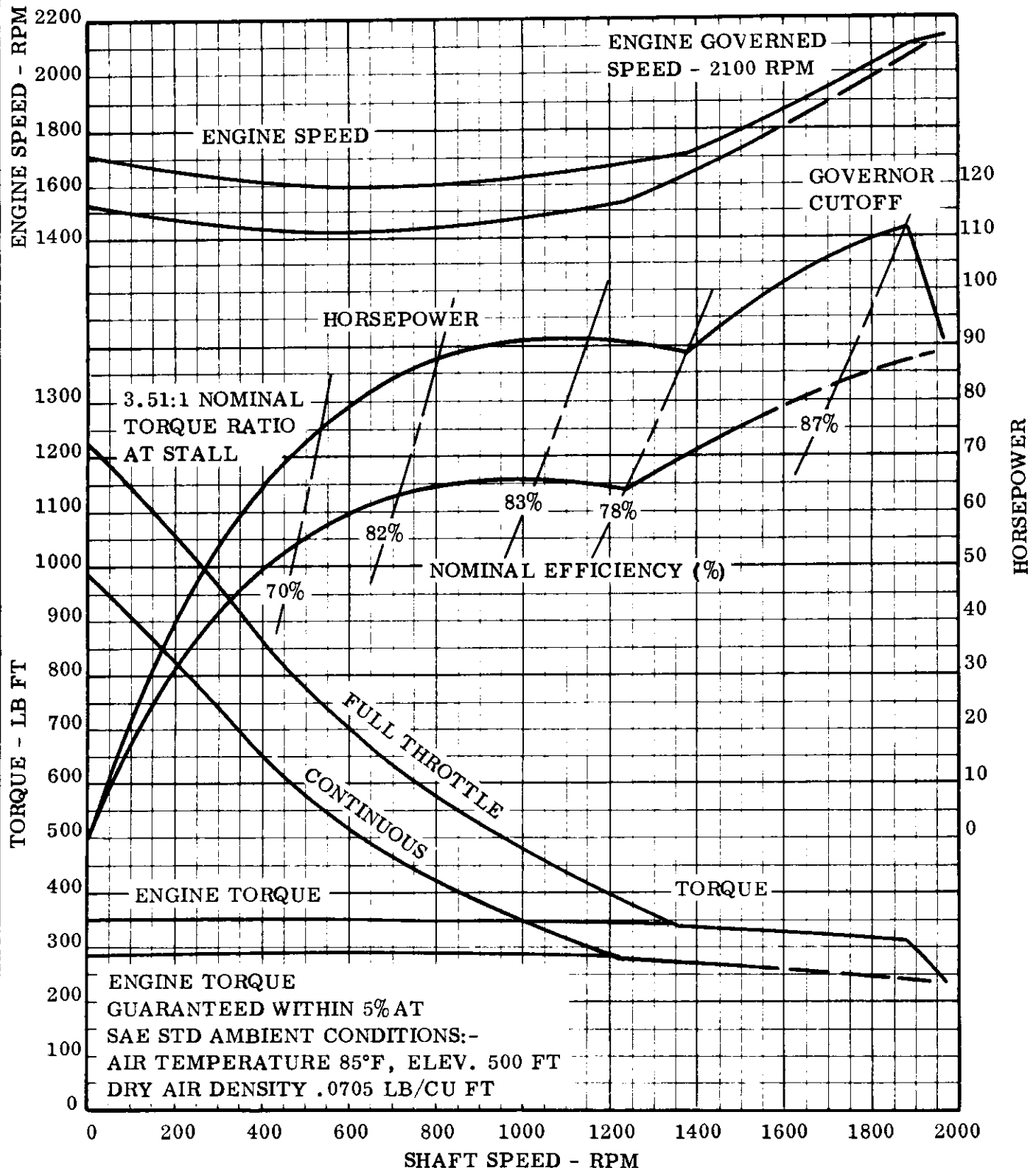




DETROIT DIESEL ENGINE DIVISION

GENERAL MOTORS CORPORATION

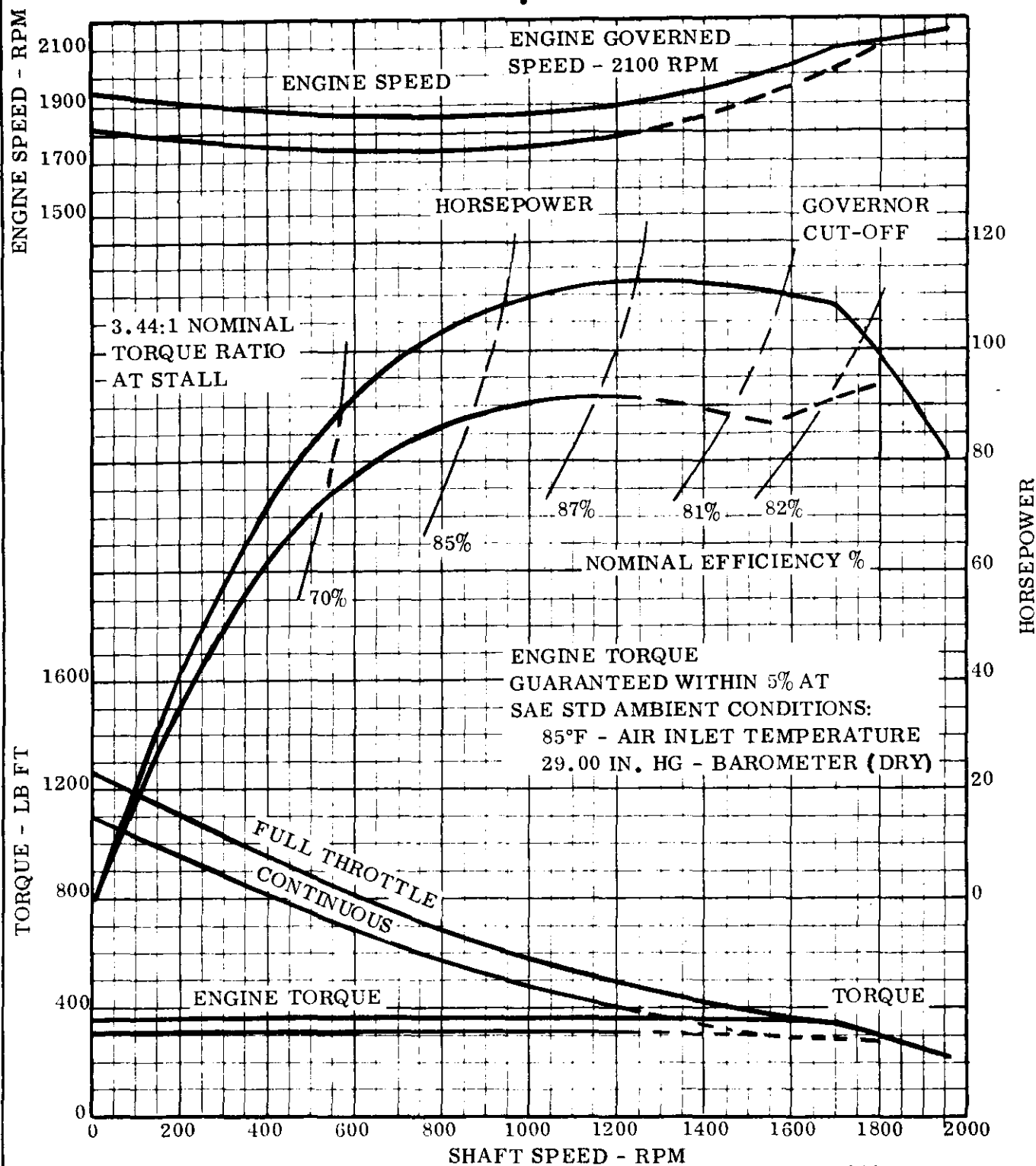
SERIES 71 TORQUE CONVERTER UNIT
MODELS 4080, 4081 AND 4082 WITH STANDARD EQUIPMENT
HV7 INJECTORS
TC-530 CONVERTER





Detroit Diesel Allison
Division of General Motors Corporation

4-71N TORQUE CONVERTER UNIT
WITH STANDARD EQUIPMENT
N65 INJECTORS
ADVANCED CAMSHAFT TIMING
TC-430 CONVERTER





DETROIT DIESEL ENGINE DIVISION

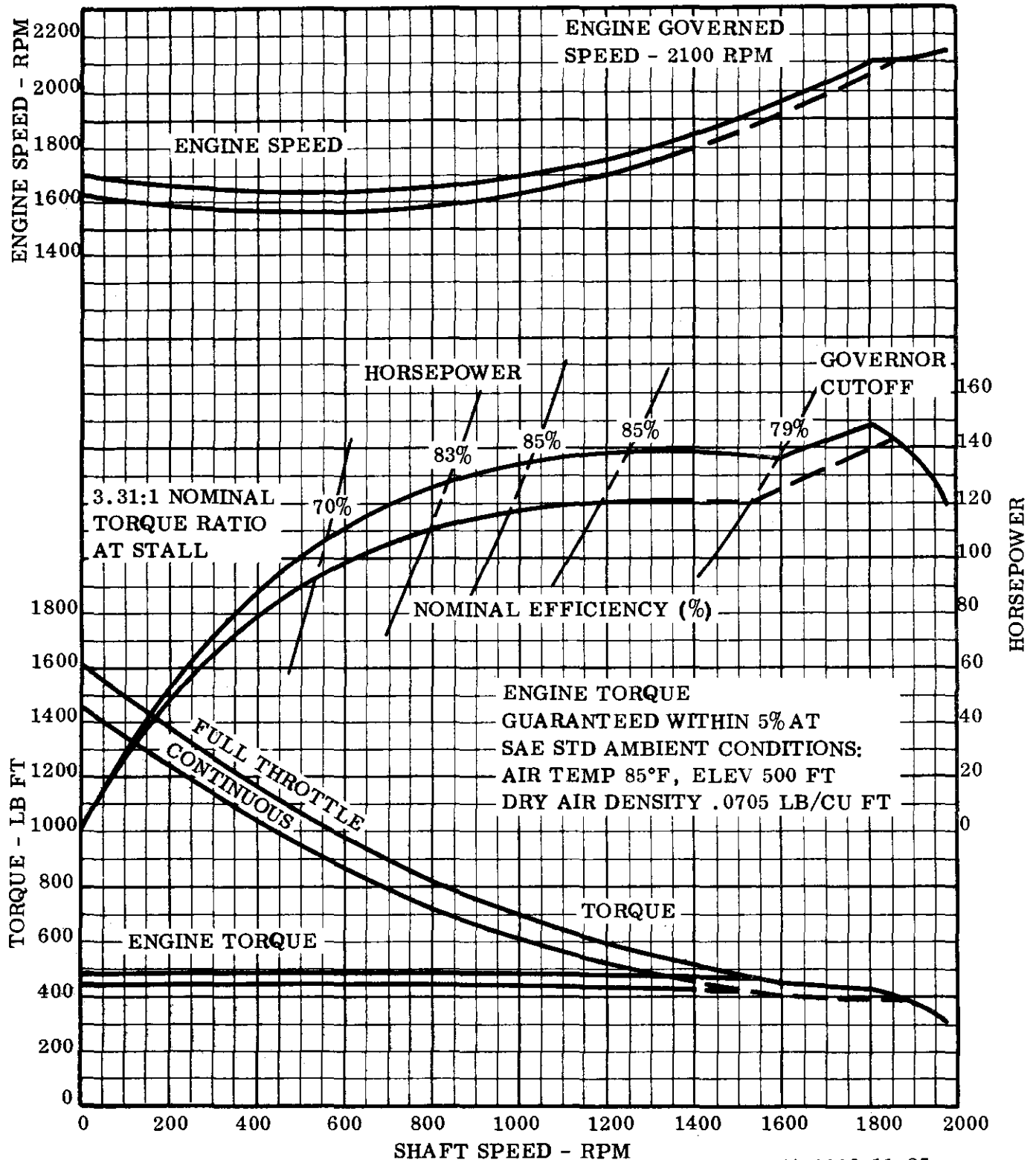
GENERAL MOTORS CORPORATION

SERIES 71 TORQUE CONVERTER UNIT

MODELS 6080 AND 6081 WITH STANDARD EQUIPMENT

HV6 INJECTORS

TC-550 CONVERTER



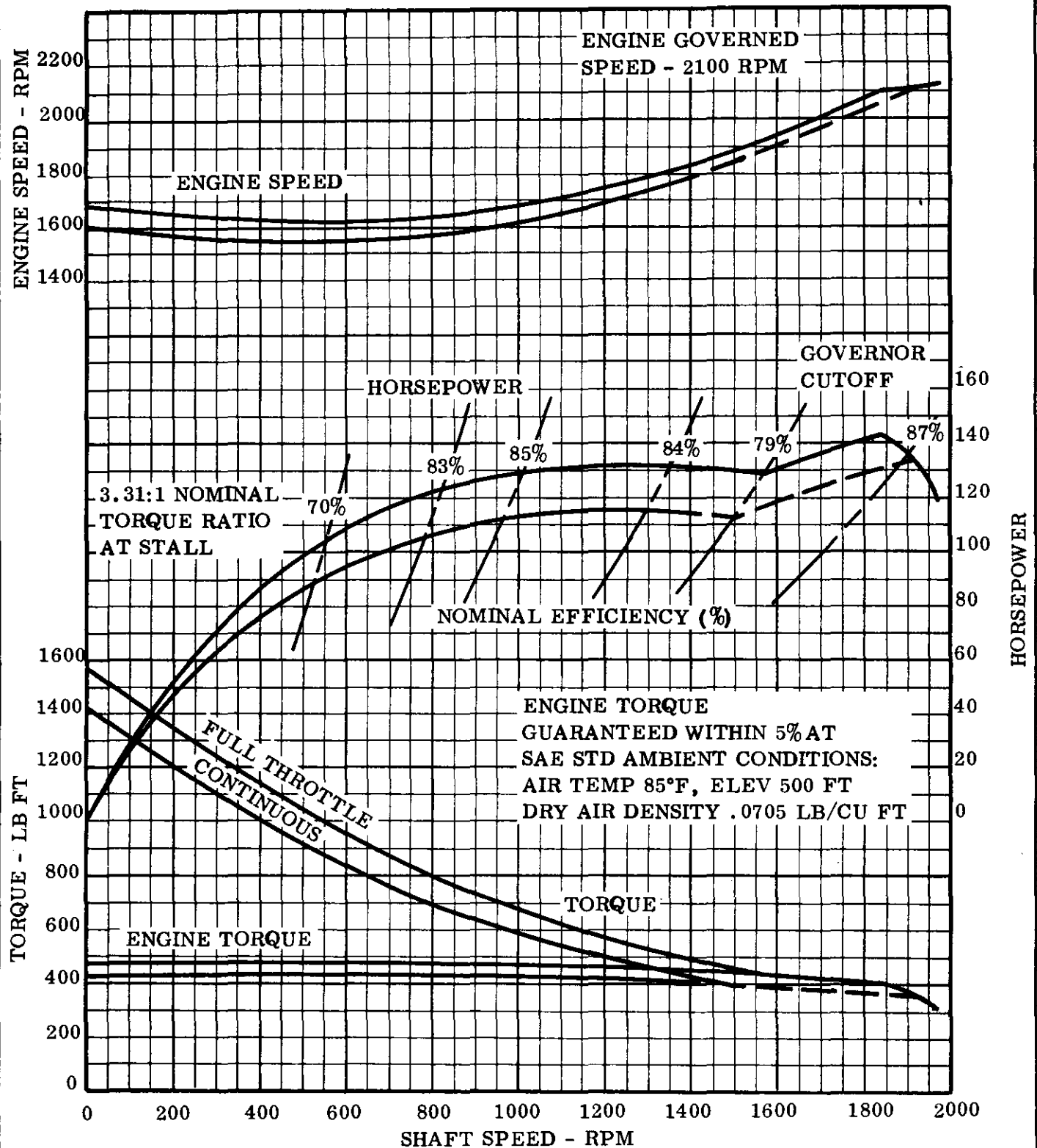


DETROIT DIESEL ENGINE DIVISION

GENERAL MOTORS CORPORATION

SERIES 71 TORQUE CONVERTER UNIT
MODEL 6082 WITH STANDARD EQUIPMENT

HV6 INJECTORS
TC-550 CONVERTER





DETROIT DIESEL ENGINE DIVISION

GENERAL MOTORS CORPORATION

SERIES 71 TORQUE CONVERTER UNIT
MODELS 6080 AND 6081 WITH STANDARD EQUIPMENT

HV6 INJECTORS

TC-570 CONVERTER

