




## Test Monitoring Center

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MEMORANDUM: 12-035  
DATE: November 16, 2012  
TO: L-42 Surveillance Panel  
FROM: Scott Parke   
SUBJECT: Revised L-42 Rating Templates

The revised L-42 rating templates approved by the L-42 Surveillance Panel during its August 8, 2012 meeting are now available for purchase from ASTM. See the attached updated rating aids catalog for ordering information. The motion approving use of these templates requires calibrated testing labs to begin using these templates immediately on issue of this memorandum.

SDP/sdp/mem12-035.sdp.docx

cc: Jeff Clark  
Frank Farber  
Bob Dreyfuss, ASTM

Distribution: email

# ASTM Deposit & Distress Rating Aids

To purchase by credit card from ASTM.ORG, click on ASTM Stock Number (or contact Yvonne Reese in ASTM Customer Relations, 610-832-9570, yreese@astm.org)

Name	ASTM Stock Number	ASTM Inventory Description	Description	Price	Included in Manual Number
Manual 20	<a href="#">TMCMNL20</a>	TMC Manual 20	<b>CRC Deposit Rating Manual</b> – (Manual 20 supersedes CRC Manual 7, 12, 14, 16, 18, and 19). This manual represents current industry practices for all CRC Deposit Evaluations.	\$643.00	
Manual 21	<a href="#">TMCMNL21</a>	TMC Manual 21	<b>CRC Distress Rating Manual</b> – (Manual 21 supersedes CRC Manual 17). This manual represents current industry practices for all CRC Distress Evaluations.	\$680.00	
Supplemental Valve Photographs 8.5-10.0	<a href="#">TMCVALVEPHOTOS</a>	TMC Supplemental Valve Photographs 8.5-10.0	Intake Valve photographic scale in increments of 0.1 units from 10.0 to 8.5.	\$139.00	20
Rust/Varnish/Lacquer Rating Scale	<a href="#">TMC RUSTVARLACQ</a>	TMC Rust/Varnish/Lacquer Rating Scale	Intensity scale used for both gasoline & diesel engines and other lubricant related deposits.	\$117.00	20
Sludge Depth Scale (Photographic)	<a href="#">TMC SLUDGE-PHOTO</a>	TMC Sludge Depth Scale (Photographic)	For non-measurable sludge deposits from "1/4A" through BC levels	\$28.00	20
Sludge Depth Gauge (Metal)	<a href="#">TMC SLUDGE-METAL</a>	TMC Sludge Depth Gauge (Metal)	For measurable sludge deposits from "C" through "J" levels of deposits.	\$28.00	20
Photographs for Gear Distress	<a href="#">TMCGEARDISTRESS2010PR</a>	TMC Photographs for Gear Distress	Typical examples of "Riding", "Rippling", and "Wear" from 10.0 (Trace) to 3.0 (Heavy) in 1.0 units of distress	\$85.00	21
Valve Lifter Varnish Rating Scale	<a href="#">TMC LIFTERVARNISH</a>	TMC Valve Lifter Varnish Rating Scale	Hydraulic Lifter foot deposit rating aid ranging from 9.5 to 2.0 merit value.	\$28.00	
Rating Scale for Spalling (Set of 2)	<a href="#">TMC SPALLING</a>	TMC Rating Scale for Spalling (Set of 2)	Geometric images designed to assist in determining spalling severity from 9.0 (trace) through 3.0 (heavy)	\$28.00	21
L-42 Scoring Template (Transparency)	<a href="#">TMC L42SCORTEMP</a>	TMC L-42 Scoring Template (Transparency)	These rating aids are designed to assist in determining percent scoring of the pinion & ring gears for the L-42 tests.	\$96.00	21
L-60-1 (Template for Percent Area Breakdown) (Manual 21)	<a href="#">TMC L60TEMPMNL21</a>	TMC L-60-1 (Template for Percent Area Breakdown) (Manual 21)	These rating aids are designed to assist in determining percent area breakdown of L-60-1 gears. (Boston Models GA-34 and GA-50).	\$28.00	21
L-33-1 Rating Template (Transparency)	<a href="#">TMC L33-1RATINGTEMP</a>	L-33-1 Area #2 Rating Template	L-33-1 Area #2 Rating Template (set of 4, two positives and two transparencies)	\$64.00	21
Gear Fleet Form on Disk (Excel)	<a href="#">TMC GEARFLEET</a>	TMC Gear Fleet Form on Disk	Light & Heavy duty axle & transmission inspection form required by LRI and recommended for all other inspections.	\$28.00	

Prices as of 11/16/12 and do not include shipping & handling or applicable sales tax.

Prices subject to change without notice. Updated 9/7/12.