

Tectyl® 915W40E2

Description

TECTYL® 915W40E2 is an internal combustion engine oil and corrosion preventive for all new and rebuilt engines. The film is oily and translucent. As a preservative oil, TECTYL® 915W40E2 protects engine parts during covered shipment and indoor storage.



TECTYL® 915W40E2 is approved under Military Specification MIL-PRF-21260E, Grade 15W40, QPL Reference Number MP-432.

TECTYL® 915W40E2 replaces TECTYL® 915W40E

Laboratory Data

Density, Weight/Gallon @ 15.6°C
 Specific Gravity @ 15.6°C
 Recommended Dry Film Thickness over Metal Profile
 Theoretical Coverage @ Recommended DFT

Typical Properties

Summary	Tolerances
7.4 lbs./gallon	887 grams/L
0.890	
0.4 mils	10 microns
4,010 sq. ft./gallon	98.4 sq. meters/L

Typical Properties

	Typical	Minimum	Maximum
Flash, C.O.C.*, Finished Oil	222°C	215°C	
API Gravity	28.2	27.2	29.2
Viscosity @100°C cST	15.01	14.51	15.51
@ 40°C cST	113.0	98.0	128.0
Pumpability @-25°C mPa.s	29,100		60,000 ¹
Pour Point°C	-39		-23
Sulfated Ash	1.31	1.18	1.57
Sulfur, % Mass	0.681	0.302	1.047
Phosphorous, % Mass	0.114	0.103	0.126
Calcium, % Mass	0.291	0.263	0.320
Zinc, % Mass	0.189	0.171	0.206
Nitrogen, % Mass	0.094	0.077	
Magnesium, % Mass	0.001	0	<0.01

*C.O.C. (Cleveland Open Cup)
¹No Yield Stress Allowed

Surface Preparation

The maximum performance of TECTYL® 915W40E2 can be achieved only when the metal surfaces to be protected are clean, dry, and free of rust, oil, and mill scale. Daubert Chemical Company recommends that the metal substrate temperature be 50 - 95°F (10 - 35°C) at the time of product application.

Application

TECTYL® 915W40E2 is formulated to be used as supplied. Ensure uniform consistency prior to use. Continued stirring is generally not required. If the product thickens due to cold storage or loss of solvent during use, contact Daubert Chemical Company. DO NOT THIN TECTYL® 915W40E2. Incorrect thinning will affect film build, dry time and product performance. Daubert Chemical Company recommends that the ambient and product temperature be 50 - 95°F (10 - 35°C) at time of application.

TECTYL® 915W40E2 should be used as factory fill and break-in oil for all new and rebuilt engines. This is a completely operational oil for current production engines meeting the requirements of MIL-PRF-21260E and need not be changed until the first scheduled oil change specified by engine manufacturer. As a preservative coating, TECTYL® 915W40E2 is used to protect engine parts during covered shipment and indoor storage. TECTYL® 915W40E2 is compatible with lubricating oils qualified under MIL-PRF-21260E, MIL-PRF-2104, and MIL-L-46152E.

CAUTION: The data, statements and recommendations set forth in this product information sheet are based on testing, research and other development work which has been carefully conducted by us, and we believe such data, statements and recommendations will serve as reliable guidelines. However, this product is subject to numerous uses under varying conditions over which we have no control, and accordingly, we do NOT warrant that this product is suitable for any particular use. Users are advised to test the product in advance to make certain it is suitable for their particular production conditions and particular use or uses.

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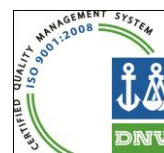
REFER TO MATERIAL SAFETY DATA SHEET FOR HEALTH AND SAFETY INFORMATION.

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Removal

TECTYL® 915W40E2 can be removed with TECTYL® HPS solventborne thinner, vapor degreasing, hot alkaline wash, or low pressure steam. TECTYL® 915W40E2 can be removed from fabrics by normal dry cleaning procedures. Avoid the use of chlorinated or highly aromatic solvents when removing from painted surfaces, as these solvents may adversely affect paint.

Caution

Refer to Daubert's Material Safety Data Sheet for health and safety instructions.

Note:

The addition of any product over or under this coating is not recommended. The use of additional coatings could result in chemical incompatibility, thus adversely affecting the performance of this coating as stated in the lab data section. If a product other than Daubert Chemical Company's recommended product is required, written authorization must be obtained from Daubert Chemical Company.

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