



COATINGS

INDORAMA
VENTURES



OXITIVE[®] 4120

Zero-VOC leveling agent



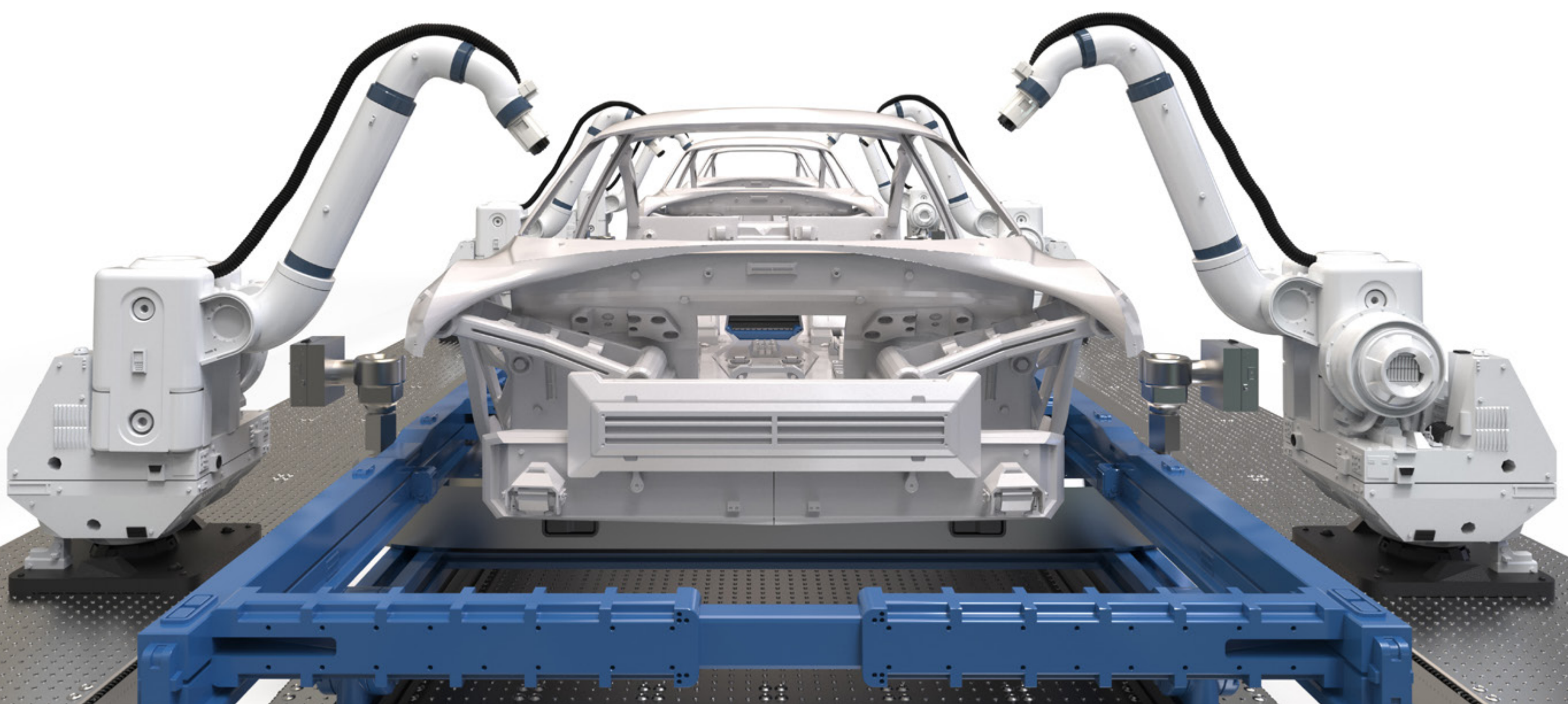
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OXITIVE® 4120 is a Leveling agent to improve the quality of coatings, varnishes and enamels applying in industrial and automotive coatings. Versatile product that can be used in both Solvent-borne and water-based systems.

BENEFITS

- High leveling performance
- Control waviness in the final surface appearance
- Promotes gloss for the final coatings
- Zero-VOC
- Improve Distinctness of Image Evaluation (DOI)

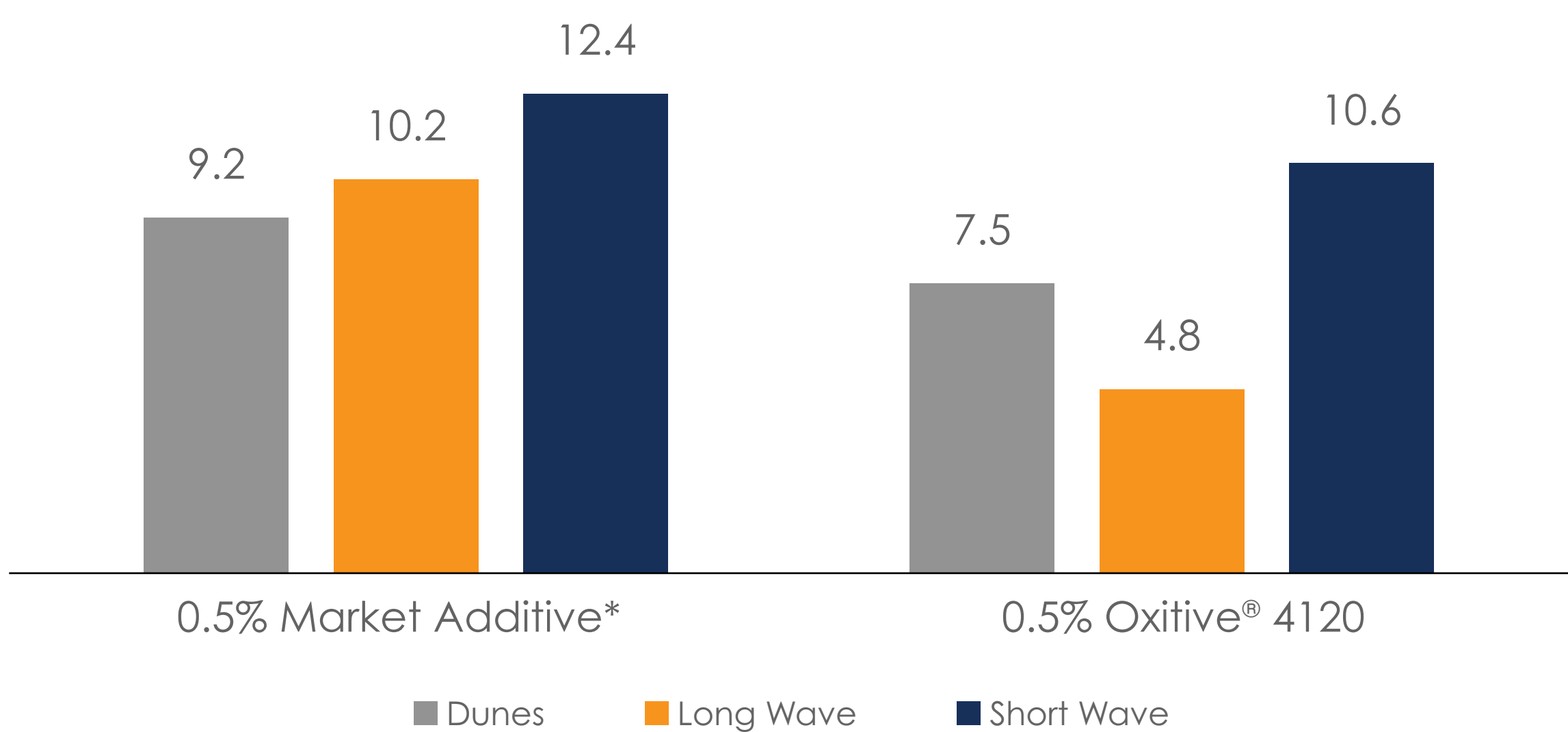




PERFORMANCE TESTS

Appearance evaluation of clear coating

Wavescan Evaluation



* Market Additive = modified polyurethane dispersing agent.

Method: Measurements determined with Wave Scan on a system with Polyester Clearcoat / Basecoat / Primer / E-coating applied to the steel sheet in a painting booth.

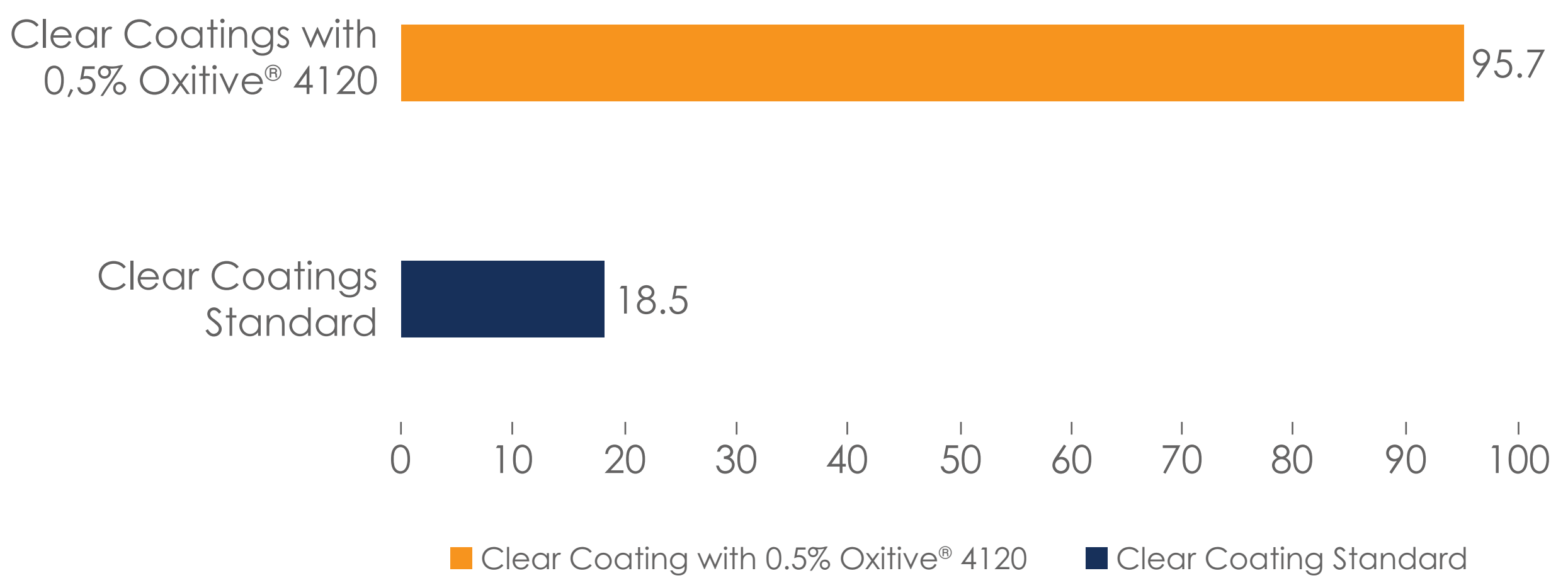
Low Short Wave and Low Long Wave values mean that there is low disturbance of the visual appearance at the surface texture when viewed from distance and **OXITIVE® 4120** significantly promotes this property.



PERFORMANCE TESTS

Distinctness of Image Evaluation (DOI)

Distinctness of Image Evaluation (DOI) Evaluation



Method: Measurements determined according ASTM E 284 – 91 on Polyester Clear Coating applied to the steel sheet in a painting booth.

OXITIVE® 4120 increases the value of DOI, highlighting the excellent appearance of the coating.

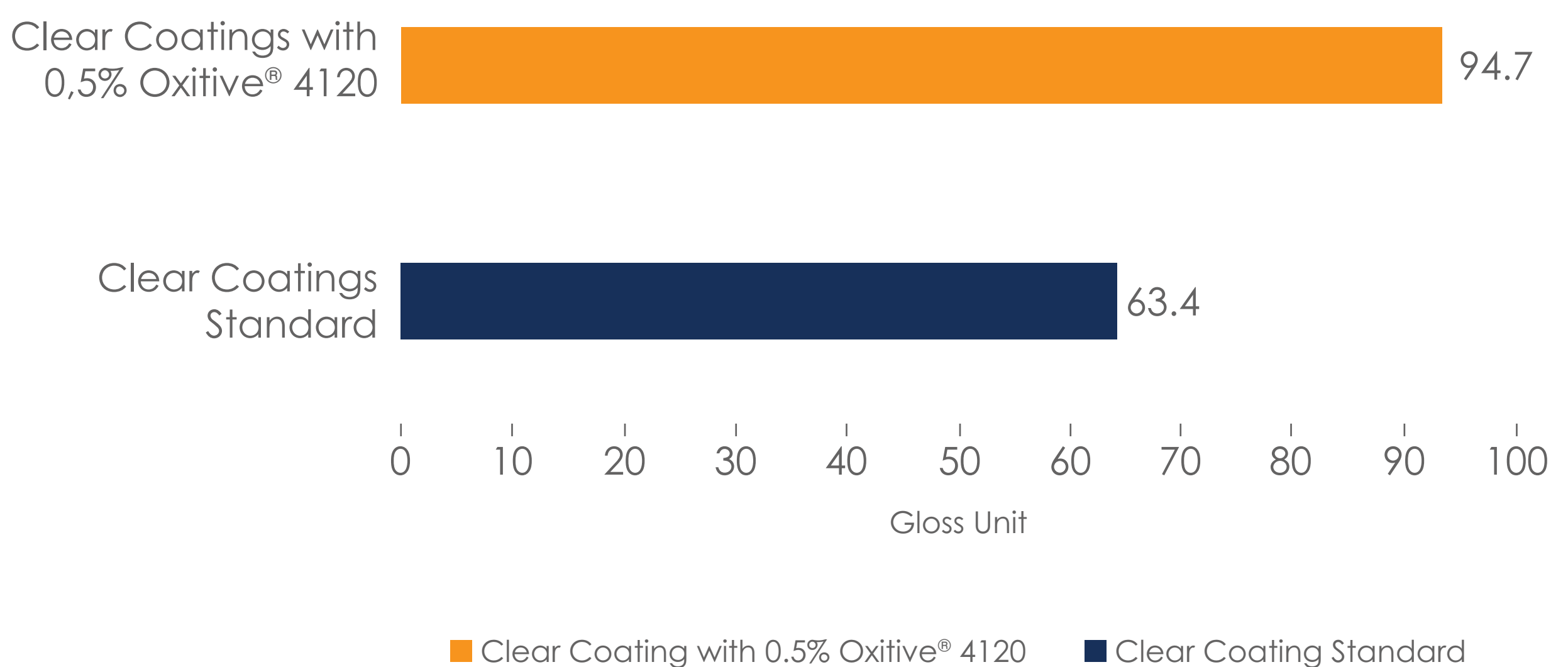




PERFORMANCE TESTS

Gloss evaluation

Gloss evaluation 20°



Method: Measurements determined with Gloss Meter according ASTM D 523-14 on Polyester Clear Coating applied to the steel sheet in a painting booth.

Oxitive® 4120 promoting surface leveling and improve gloss after the cured.

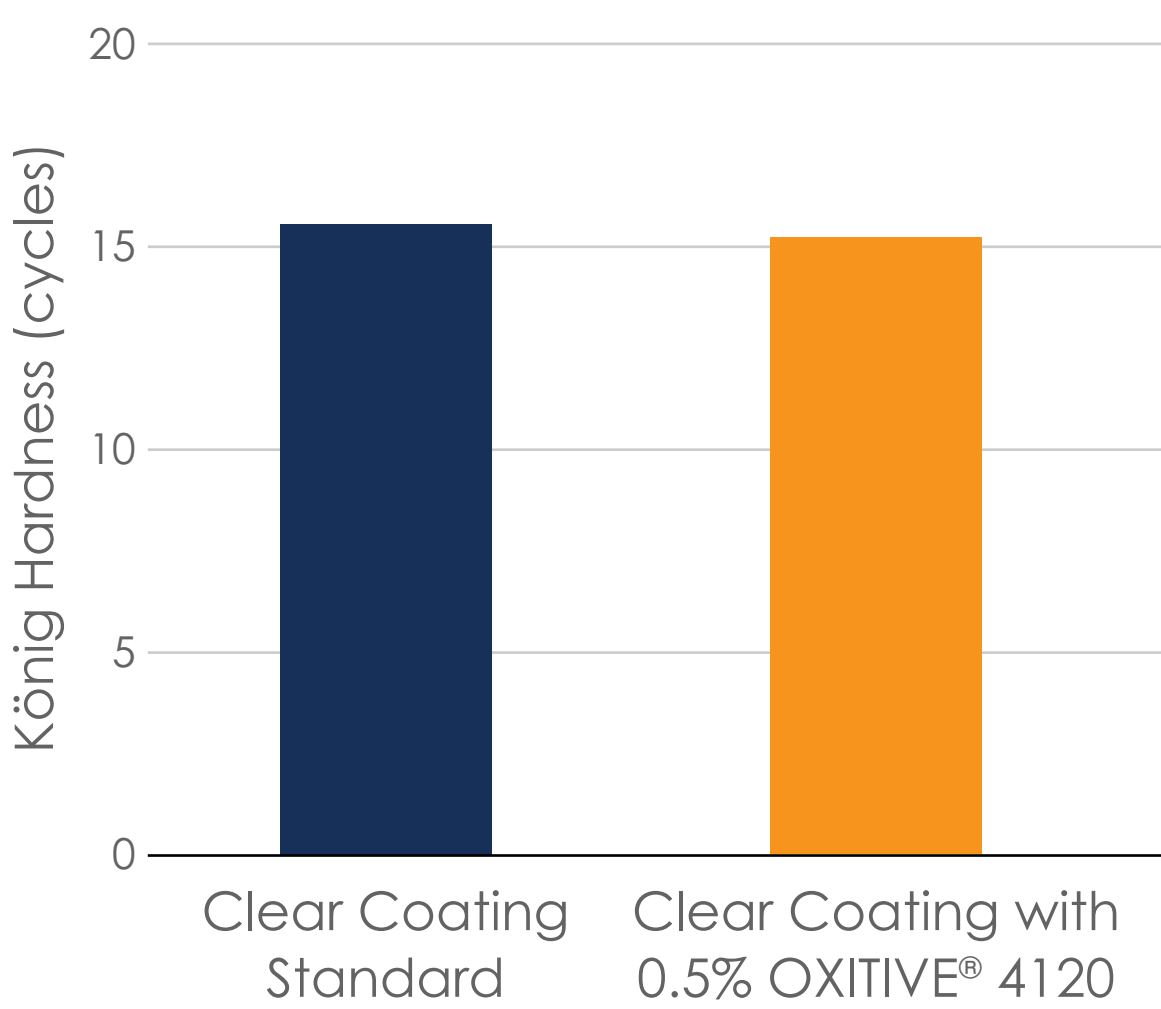




PERFORMANCE TESTS

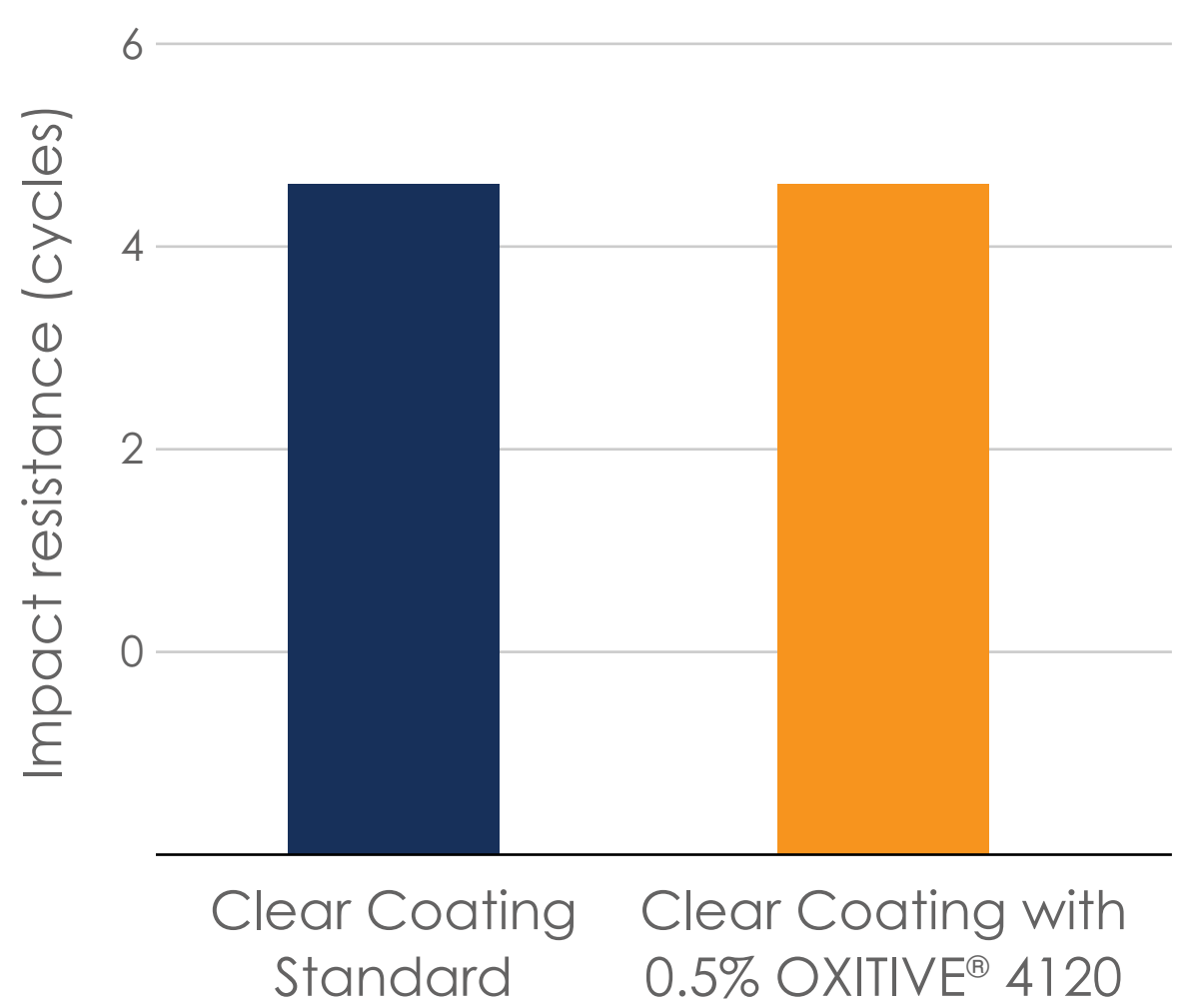
Evaluation

Hardness of Coating



Method: Measurements determined according ASTM D4366 with Polyester Clear Coating / Basecoat / Primer applied to the steel sheet in a painting booth, after 10 days of cure in 25°.

Direct impact resistance



Method: Measurements determined according ASTM D6905-20 with Polyester Clear Coating / Basecoat / Primer applied to the steel sheet in a painting booth.

Adhesion test - cut in grating

Coating	Classification Cut #
Clear Coating Standard	4
Clear Coating with 0.5% OXITIVE® 4120	4

Method: Measurements determined according ABNT-NBR 11003:2009 on system with Polyester Clear Coating / Basecoat / Primer applied to the steel sheet in a painting booth.

OXITIVE® 4120 promotes surface leveling, improves DOI and guarantees high gloss, maintaining properties such as hardness, impact resistance and adhesion of the final coating.

If you are looking for a high performance leveling agent **OXITIVE® 4120** is what you need! Contact us and request a sample.

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