

ZL-56

LEVEL 4 WATER WASHABLE FLUORESCENT PENETRANT 4级灵敏度水洗性荧光渗透剂

An ultra-high sensitivity penetrant (Level 4), ZL-56 fluorescent water-washable penetrant is safe for use on alloys in engineering and aerospace use, including aluminum, steel, nickel and titanium. ZL-56 is designed for non-porous and highly machined components. Developers recommended are ZP-4B powder, ZP-9F non-aqueous, SKD-S2 non-aqueous and ZP-5B water suspendible.

作为一款4级高灵敏度的渗透液，ZL-56荧光水洗型渗透液对于工程合金和航天航空的应用，包括铝，钢铁，镍以及钛金属都是非常安全的，ZL-56是专为非多孔性的精加工零部件而设计，推荐配合ZP-4B干粉显像剂，ZP-9F溶剂型显像剂，SKD-S2溶剂型现象剂以及ZP-5B水悬浮型显像剂使用。

ZL-56 is listed on the QPL SAE AMS 2644 Qualified Product List.

ZL-56 被收录在QPL SAE AMS 2644的合格产品名录中。

BENEFITS 优势

- Bright, high-contrast indications
明亮且高对比度的缺陷显示
- Ideal for critical part inspection
关键零件检测的理想选择

SPECIFICATIONS 符合规范

- AECL
- AMS 2644
- ASME
- ASTM E1417
- ASTM E165
- Boeing BAC 5423 PSD 6-46 or 8-4
- Boeing PS-21202
- MIL-STD-2132
- MIL-STD-271
- NAVSEA T9074-AS-GIB-010/271
- QPL SAE AMS 2644

APPLICATIONS 应用

Defect location: open to surface
缺陷位置：表面开口缺陷

Ideal for 适用于

- Critical components 关键零部件
- High-stress parts 高承力零部件
- Smooth, machined surface finish 光滑机加工表面
- Non-porous surfaces 非多孔性表面

Defect examples 缺陷类型

- Finished surface cracks 成品表面裂纹
- Scratches 划痕

PROPERTIES 属性

Flash Point 闪点	> 200°F / 93°C
Density 密度	1.01 g/ml
Viscosity 粘度 (100°F / 38°C)	16.85 cs
NPE-Free 不含烷基酚	Yes 不含

USE RECOMMENDATIONS 使用推荐

NDT Method 无损检测方法	Penetrant Testing, Fluorescent 渗透检测, 荧光
Type 渗透液类型	1
Method(s) 去除方法	A/C
Sensitivity Level 灵敏度等级	4, ultrahigh sensitivity 4级, 极高灵敏度
Required Equipment 设备要求	UV light source 紫外线光源
Temperature range 温度范围	40 - 125°F / 4 - 52°C

PACKAGING 包装形式

01-3267-40	5 gal / 18.9 L pail 桶
01-3267-45	55 gal / 208 L drum 桶
01-3267-50C	20 L / 20 L 桶
01-3267-60C	200 L / 200 L 桶

HEALTH AND SAFETY 健康和安全

Review all relevant health and safety information before using this product. For complete health and safety information, refer to the product Safety Data Sheet, which is available at www.magnaflux.cn.

产品使用前请阅读相关的健康和安全管理信息。完整的健康和安全管理信息参考 www.magnaflux.cn 上的 SDS (安全数据表)。