

Daraclean® 282

ALKALINE AQUEOUS CLEANER

碱性水基清洗剂

A low-foaming, all-purpose alkaline cleaning solution, Daraclean® 282 is an excellent cleaner for a broad spectrum of soils. This multi-purpose industrial cleaner has excellent soil-rejecting properties and suspends soils until they settle and can be removed by filtering or skimming, for a cleaning bath which lasts much longer than other water-based cleaners.

Daraclean® 282 是一款低泡通用型碱性清洗剂, 对广泛的多种污物具有卓越的清洗效果。这款多功能工业清洗剂具有优秀的污物去除能力并使污物悬浮, 当其稳定后可以用过滤或者撇沫的方式彻底清除, 相比其他的水基清洗剂使用寿命更长。

Daraclean 282 can be used in concentrations up to 25 percent in immersion, ultrasonic, spray and steam applications. Moderately alkaline, with low foam levels, Daraclean 282 contains inhibitors to prevent metal corrosion, and has no phosphates and is hard water tolerant.

Daraclean 282 可以使用最高25%的浓度进行浸泡, 超声, 喷淋以及蒸汽清洗。Daraclean 282具有适当的碱性和低泡沫的特性, 含有防腐剂可以有效保护金属, 不含磷并且硬水耐受性好。

Daraclean 282 meets all major aerospace specifications for NDT cleaning, is safe to use on most metals and is non-aggressive on aluminum, magnesium and titanium alloys.

Daraclean 282 符合所有主要的针对无损检测清洗的航天航空标准, 对于大部分金属可以安全使用。并且对于铝, 镁以及钛合金无侵蚀。

BENEFITS 优势

Maximize range of use

广泛的使用范围

- Effectively cleans a wide variety of soils and contaminants from parts.
有效清洗零件上的各种污物和污染物。
- Approved for NDT pre-cleaning due to low silicates and low residue.
低硅低残留配方被批准用于无损检测前清洗。
- Conforms to all major aerospace requirements.
符合所有主要航天航空标准要求
- Works with most application methods and equipment for increased flexibility.
可以灵活应用于大多数的施工方法和设备。
- Added corrosion inhibitors protect parts and equipment against rust.
添加防腐剂有效保护零件和设备。

Maximize operator comfort and safety

极高的舒适度和安全性

- Promotes better inspection quality by providing the operator with a more comfortable work environment
可提供一个更舒适的工作环境, 从而提高检测质量。
- Reduces discomfort from strong odors
减少强烈的刺激气味。
- Exceeds all EHS requirements
高于所有的EHS要求。

FEATURES 特性

- Multi-purpose alkaline cleaner
多用途碱性清洗剂
- Low foam level
低泡沫
- Aerospace compliant
符合航天航空要求
- Works on a wide range of materials
可应用材料范围广
- Cleans a broad spectrum of soils
可去除污物范围广
- Multi-metal safe
可安全应用于多种金属
- Low silicates
低硅
- Low residue
低残留

APPLICATIONS 应用

Cleaning methods 清洗方法：

- Dipping / immersion cleaning 浸蘸/浸泡清洗
- Ultrasonic cleaning 超声清洗
- Spray cleaning 喷淋清洗
- Steam cleaning 蒸汽清洗

Ideal for 适用于：

- Aluminum 铝
- Anodized aluminum 阳极铝
- Brass and bronze 黄铜和青铜
- Carbon steel 碳钢
- Cast iron 铸铁
- Stainless steel 不锈钢
- Copper 铜
- Magnesium 镁
- Nickel 镍
- Superalloys 超合金
- Plated metals 电镀金属
- Titanium 钛

Removes 可去除：

- Buffing compounds 抛光膏
- Carbonized soils 碳化污物
- Cutting fluids 切削液
- Heavy oils and dirt 重油污
- Lubricant oils 润滑油
- Machine oils 机油
- Machining fluid 机加工液
- Medium weight and lube oil 中等重油
- Motor oil 发动机油
- Synthetic coolant 合成冷却液
- Water-soluble oils 水溶性油脂

Applications 应用于：

Excellent 优异	****	Aluminum 铝	Anodized Aluminum 阳极铝	Brass & Bronze 黄铜和青铜	Carbon Steel & Cast Iron 碳钢和铸铁	Copper 铜	Magnesium 镁	Nickel & Superalloys 镍和超合金	Plating (Cd, Cr, Ir, Pt) 电镀 (Cd, Cr, Ir, Pt)	Stainless Steel 不锈钢	Titanium 钛	Zinc 锌
Good 良好	***											
Fair 一般	**											
Poor 较差	*											
Not Recommended 不推荐												
Water-Soluble Oils 水溶性油脂	****	****	****	****	****	****	***	****	****	****	***	
Machining Fluid 机加工液	****	****	****	****	****	****	***	****	****	****	***	
Synthetic Coolants 合成冷却液	****	****	****	****	****	****	***	****	****	****	***	
Medium Weight Oils 中等重油	****	****	****	****	****	****	***	****	****	****	***	
Lube Oils 润滑油	****	****	****	****	****	****	***	****	****	****	***	
Buffing Compounds 抛光膏	****	****	****	****	****	****	***	****	****	****	***	
Motor Oils 发动机油	****	****	****	****	****	****	***	****	****	****	***	
Heavy Petroleum Oils 重油污	****	****	****	****	****	****	***	****	****	****	***	
Carbonized Soils 碳化污物	***	***	***	***	***	***	**	***	***	***	**	
Railroad & Axel Grease 铁路和轴承油脂												
Glues 胶水												
Spray Adhesives 喷雾胶粘剂												

SPECIFICATIONS 符合规范

- AMS 1551, 1551A
- ARP 1512
- ASTM F945, F519 TYPE 1 C
- BAC 5763
- Boeing D6-48809
- CSS 253
- GEAE Method 22, 51145
- Honeywell ARP 4992
- Pratt and Whitney PMC 1429
- PWA 36604
- PWA K231
- RR CSS 204 Type A
- APR 1755

PROPERTIES 属性

pH Level pH值	Alkaline 碱性
Foam Level 泡沫	Low 低
Silicates 硅酸盐	Yes 含量低
Phosphates 磷酸盐	No 不含
Hard Water Tolerance 硬水耐受性	Moderate 良好
Aerospace Compliant 航天航空符合性	Yes 符合
SCAQMD Certified SCAQMD 认证	No 无

USE RECOMMENDATIONS 使用推荐

Cleaning Method 清洗方法	Concentration 浓度	Temp. 温度	Typical Duration 典型持续时间
Immersion 浸泡	3–25%	27–82°C	2–30 mins
Ultrasonic 超声	3–25%	27–82°C	2–30 mins
Spray 喷淋	1–12% Recomm.: 2–5%	54–82°C	0.25–3 mins
Steam 蒸汽	1–12%	66–93°C	1–5 min

PACKAGING 包装形式

01-6000-40	5 gal / 18.9 L pail 5加仑桶
01-6000-45	55 gal / 208 L pail 55加仑桶
01-6000-50C	20L pail / 20L桶
01-6000-60C	200L pail / 200L桶

INSTRUCTIONS FOR USE 使用指南

Dilute cleaner with water to the appropriate concentration or use. Cleaning efficiency can be improved with agitation and heat. Increasing cleaning bath temperature will decrease foaming.

使用时用水稀释清洗剂至适当的浓度。随着搅拌和温度的提升清洗效率也会提升，升高清洗槽浴温度可以减少泡沫。

Maintenance Recommendations 维护建议

Maintain cleaning bath by skimming and/or filtering. Check in-use cleaner concentration to maintain cleaning effectiveness. The recommended method for measuring concentration is titration method.

可以通过撇沫和/或者过滤的方法来保养清洗槽浴，请监测使用中的清洗液浓度以保持清洗效果。推荐使用滴定法确认浓度。

Concentration Verification: HACH Alkalinity Titration Kit*

浓度确认：HACH 碱性滴定套装*

Titration 滴定标准液	0.5N Sulfuric Acid 0.5N 硫酸
Indicator 指示剂	Bromocresol Green-Methyl Red 溴甲酚绿-甲基红
Concentration % 浓度 %	Titration drops x 1.7 滴定液滴数 x 1.7

* Ordering info: Alkalinity Test Kit, Model AL-TA; Product #2314500; Mfr. Hach Company; Website www.hach.com

* 订购信息：碱性滴定套装，型号 AL-TA；产品号 # 2314500；生产商 Hach 公司；网址 www.hach.com

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信息。完整的健康和安全信息参考 www.magnaflux.cn 上的 SDS (安全数据表)。