

Mobil Vacuoline 1400 Series

Combined hydraulic and way lils for machine tools

美孚威格力 1400 系列

机床液压及导轨两用油

Product Description

Mobil Vacuoline 1405 and 1409 oils are formulated from high quality, chemically stable, solvent refined, high VI base stocks combined with carefully chosen additives that provide the specific properties required in a combination hydraulic/way lubricant. These oils, when used under light to moderate load conditions provide excellent performance characteristics including demulsibility, rust protection, resistance to deposit formation, and equal protection of table and slideways.

Benefits

- Eliminate chattering and stick-slip on table and slideways
- Helps maintain precision and surface finish of work pieces
- Insures excellent operating performance of hydraulics
- Long lubricant life
- Reduced wear rates on table and slideways
- Simplifies lubrication

Application

Mobil Vacuoline 1405 and 1409 are premium quality products recommended for use primarily in new or existing machine tools which provide lubrication of the ways or slideways by bleeding oil from its hydraulic systems. Most machine tools being built today have individual lubricant reservoirs for the way and hydraulic oils. However, combination way and hydraulic systems are not uncommon and are most often utilized on machine grinder tools.

Properties

- Excellent load carrying capability and lubricity to ensure smooth chatter-free movement of table and slideways
- Excellent oxidation stability to resist formation of lacquer and deposits in hydraulic system under normal operating conditions
- Superior anti-corrosion properties which protect the sildeways from rusting and staining

简介

美孚威格力 1405 及 1409 是采用高品质、化学性稳定及高粘度指数之基础油，配以严格挑选之添加剂调制而成之润滑油。因为能够符合机床液压系统及导轨之要求，故可一油二用。用于轻等至中等程度负荷之用途。有极佳之效能，包括抗乳化、防锈、防止积垢形成，并能有效地保护机床之滑台及导轨。

优点

- 消除滑台及导轨之震颤及爬行
- 保持工件之精密度及表面光洁度
- 使液压系统保持最佳之操作效能
- 使用寿命长久
- 减低滑台及导轨之磨损
- 简化润滑剂之品种

用途

美孚威格力 1405 及 1409 高级润滑油适用于以液压油兼作滑道润滑油的机床。虽然现代机床的滑槽油及压力油大多采用独立油池，但仍有不少机床之滑槽润滑油是取自液压系统，其中尤以磨床居多。

性质

- 负重及润滑性能极好，确保滑台及导轨滑行畅顺，而无震颤之现象
- 氧化稳定性极好，用于普通负荷之液压系统中，能防止漆状沉积及积垢物之形成
- 有超卓之防锈性能，防止导轨生锈及产生斑点

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以下所列数据除特别注明外，均为典型值

Characteristics 特性

Typical values unless otherwise stated

	Mobil Vacuoline 1400 Series	
	1405	1409
Density @ 15 °C, kg/L 密度 @ 15 °C, 千克 / 升	0.88	0.88
Pour Point, °C 倾点, °C	-12	-6
Flash Point, °C 闪火点, °C	210	218
ISO Viscosity Grade ISO 粘度等级	32	68
Viscosity 粘度 cSt @ 40 °C @40 °C 厘斯	29.8/34.2	63.2/72.8
cSt @ 100 °C @100 °C 厘斯	5.3	8.57
Color, ASTM 色度 ASTM	3.0	3.0

Health & Safety

健康与安全

Based on available information, the product is not expected to produce adverse effects on health when used for the intended application and the recommendations provided in the Material Safety Data (MSDS) are followed. MSDSs are available upon request through your Customer Service Center. This Product should not be used for purposes other than its intended use. When disposing for used product, take care to protect the environment.

根据现有资料显示，在该产品的使用过程中，不会对人体健康产生不良影响，但在使用过程中需遵循物质安全资料表(MSDS)上所提供的指引。有关物质安全资料表可向当地销售部门获取。除指定的用途外，该产品不应用于其他用途。如需处理用过的产品，注意保护环境。

Due to continual product research and development, the information contain herein is subject to formulation changes without notification.

Typical Properties may very slightly.

本公司产品经常不断研究和发展，所有产品资料得随时改变，将不作另行通告，产品的典型性质亦会发生轻微变化。

Refer to **MOBIL LUBE TECHNICAL SUPPORT CENTRE** for more product information and assistance.

Hong Kong: - Tel : (852) 27300416 Fax : (852) 31978380

如需要较详细产品资料或协助，请查询美孚润滑技术服务中心。

香港 — 电话 : (852) 27300416 传真 : (852) 31978380