Sterling LUBRICANTS

PRODUCT INFORMATION SHEET

MAXIM HV OILS

PREMIUM GROUP 2 HVI HYDRAULIC OILS

MAXIM HV OILS are high quality group 2 oil based, High viscosity index hydraulic fluids containing zinc anti wear additives and formulated with premium base oil technology designed to give higher thermal stability and lower sludge formation compared to conventional hydraulic fluids in mobile and stationary systems. Suitable for applications in hydraulic systems operating at a broad and extreme range of temperatures and in demanding environments which lubricants of high oxidation stability and lubrication performance are required such as lightly loaded gears, variable speed units and bearings. Always check manufactures specification to make sure the correct oil is used.

Summary of Benefits:

- Superior performance in oxidation protection, thermal stability, water tolerance and pump durability.
- Anti-foam, anti-oxidants & anti-wear additives have been optimised for use where machine performance is not affected by fluctuating temperatures.
- Excellent air separation characteristics which reduces foaming and its negative effects. Fully compatible with elastomer materials commonly used for static and dynamic seals, such as nitrile, silicone and fluorinated polymers.
- Smooth operation — Good hydrolytic stability and water separation characteristics promote excellent filterability in the presence of water contamination. Good anti-foam and air release help ensure smooth operation and system efficiency.
- Optimal oil service life — High oxidation stability resists oil thickening and deposit formation in service, minimizing the possibility of an unscheduled change of hydraulic fluid.

Specifications:

ISO 6743/4: Hydraulic Oils Type HV DIN:51524 Part 3 HVLP Denison: HF-0,HF-1, HF-2 Cincinnati Lamb: P68 Eaton (Vickers): I-286-S; M-2950-S Bosch Rexroth: RE90220 Swedish Standard: 15 54 34 AM

Product Size: 20L, 205L, 1000L

Product Code: ISO 32 - 1012, **ISO 46 – 1013, ISO 68 -** 1014

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Typical Characteristics:

	32	**46**	**68**
Specific Density at 15°C (kg/L)	0.870	0.87	0.880
Kinematic Viscosity at 40°C mm2/s (cSt)	32	46	68
Kinematic Viscosity at 100°C mm2/s (cSt)	6.5	8.4	11.3
Viscosity Index	>150	>150	>150
FZG Gear Scuffing Test-A/8.3/90	11	12	12
Air Release Value (min)	4	8	8
Rust Test – Distilled Water (24 hrs)	Pass	Pass	Pass
Water Separability @54°C (mins)	10	15	15
Foam Sequence 1 (ml)	20/0	20/0	20/0
Closed Flash Point (°C)	215	215	215
Pour Point (°C)	-38	-35	-35
Colour	Clear	Clear	Clear

*Typical characteristics are only a guide to industry and are not necessarily manufacturing or marketing specifications and do not constitute a legal liability.

Storage:

All packages should be stored under cover to avoid the possible ingress of water and the obliteration of drum markings. Products should not be stored above 60°C.

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PRODUCT INFORMATION SHEET

Health, Safety and Environment

A Safety Data Sheet (SDS) is available for each product. Users should consult the SDS, and follow the precautions outlined and comply with all laws and regulations concerning its use and disposal. Used packaging material should not be incinerated or exposed to flame. After use, protect your environment. Do not pollute drains, soil or water with used product.

The Safety Data Sheet is available at Sterling Lubricants by email: info@sterlingllubricants.com.au

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