

**AVALON IM 46****EXTRA HEAVY DUTY LONG DRAIN HYDRAULIC OIL****DESCRIPTION**

Veedol Avalon IM 46 is a heavy duty long drain hydraulic oil specially developed for use in plastic injection moulding machines.

Veedol Avalon IM 46 is a combination of premium additives and specially selected premium quality base oils designed for use in mobile and stationary high pressure hydraulic systems utilizing vane, gear or piston pumps.

Veedol Avalon IM 46 is a super clean oil that protects critical hydraulic system components.

PERFORMANCE SPECIFICATIONS

Meets & Exceeds performance requirement of

- Denison HF-0 • Eaton M-2950-S
- FIVES (formerly MAG) P70 • DIN 51524 part II
- ISO 11158 • ASTM D6158
- SAE MS 1004 • Bosch Rexroth RE 90220 • GM LS-2

APPLICATIONS

Veedol Avalon IM 46 is new technology fluid recommended for use in plastic Injection moulding machines.

FEATURES/BENEFITS

- Excellent resistance to oxidation and thermal stability extends fluid even under severe operating conditions.
- Superior anti-wear properties helps reduce wear and protects pumps and critical components.
- Super clean performance reduces system deposits leading to reduced machine maintenance and increased component life.
- Long lasting and extended oil change intervals results in lower downtime and lubricant cost.
- Being shear stable and having high Viscosity Index helps retain adequate film thickness over wide temperature range.
- Improved protection and extended life of yellow metal parts of the equipment.
- Good compatibility with elastomer and seals
- Minimum deposit formation.

CHARACTERISTICS

Test Parameter	Test Method	Typical Value
Kinematic Viscosity @ 100°C, cSt	ASTM D 445	46.2
Flash Point, (COC) °C	ASTM D 92	250
Pour Point, °C	ASTM D 97	-33
Demulsibility @ 54°C, mins	ASTM D 1401	8
Air Release Value @ 50°C, mins	ASTM D 3427	4
Cu-Corrosion @ 100°C, 3 hrs	ASTM D 130	1a
Rust Test	ASTM D 665	Passes