



## HYDRAULIC OIL 37 ISO VG

CORAL OIL SAE Hydraulic 37 is a high-Performance, Fully Synthetic Hydraulic Fluid Designed To Hydraulic Systems Deliver Superior Lubrication Thermal Stability, and anti-Wear Protection For Industrial and Mobile It is Formulated With advanced Synthetic Base Oils and High-Performance Additives to Ensure Optimal Efficiency and Extended Service life in Demanding Applications

## SPECIFICATIONS AND MEETS:

SAE MS 1004 HM AND ASTM D6158 HM, DENISON HF-0 HF-1, HF-2  
DIN 51524 PART II, CINCINNATI MACHINE  
P-68, P-69 AND P-70, ISO 11158 HM

**Packaging:** 1 Litre / 4 Litres / 5 Litres / 25 Litres / 208 Litres

PROPERTY	VALUE	TEST METHOD
Appearance	Clear liquid	Visual
Density @ 15°C	0.865 g/cm <sup>3</sup>	ASTM D4052
Viscosity @ 40°C	37 cSt	ASTM D445
Viscosity @ 100°C	6 cSt	ASTM D445
Viscosity Index	105.8	ASTM D2270
Pour Point	-15 °C	ASTM D97
Flash Point (COC)	225°C	ASTM D92

## APPLICATIONS

- Industrial Hydraulic Systems Operating Under High Pressures.
- Mobile Hydraulic Equipment (construction, Mining, Forestry, agriculture).
- Injection Molding Machines and Press Systems.
- Marine and Offshore Hydraulic Machinery.

PROPERTY	VALUE	TEST METHOD
Total Base Number (TBN)	1	ASTM D2896
Total Acid Number (TAN)	≤1.0	ASTM D664
Sulfated Ash	<0.1 wt	ASTM D874
Boron Content	55 ppm	ICP
Molybdenum Content	150ppm	ICP
Zinc Content	400 ppm	ICP
Phosphorus Content	250 ppm	ICP
Calcium Content	2500 ppm	ICP
Magnesium Content	200 ppm	ICP
Oxidation Stability	Very high	ASTM D943
Nitration Level	Very low	FTIR

## BENEFITS

- High Protection Against Wear Ensuring Maximum Equipment Life.
- Very Good Oxidation Stability Ensuring a Long Service Life of The uid.
- Enhanced Frictional Properties That Aids Fuel Economy.
- Delivers Fast Protection For Reduced Engine Wear and Deposits Even in the Most Extreme Driving Conditions.
- Provides Exceptional Cleaning Power For Dirty Engines.

ELEMENT ANALYSIS	PASS/FAIL	ASTM D5185
Water Content	<0.05 ppm	ASTM D6304
Dispersant Level	Optimized for LSP	IR Analysis
<b>SEQUENCE I (24°C):</b>		
Tendency	0-50 ml	ASTM D892
Stability	0-10 ml	ASTM D892