



EMBLEM HDM 513

EMBLEM HDM 513 is a multi-vis hydraulic oil equivalent to a SAE 5W20 for use where a wide temperature range may exist. The high viscosity index as well as rust, oxidation and anti-wear inhibitors offer excellent internal protection. Typical applications range from hydraulic systems to force feed lubricators common to industrial machine tools as well as material handling and construction equipment.

Typical Properties

Viscosity, SUS @ 210 °F	46.5
Viscosity, SUS @ 100 °F	155
Viscosity Index	140
Gravity °API	29.1
Flash Point COC °F	330
Fire Point COC °F	435
Pour Point °F	- 40
Brookfield @ -15°F cP	3000
Anti-Foam Treated	Yes
Oxidation Inhibited ASTM D943	Yes (2800 hrs.)
Hydraulic Pump Test (ASTM D2882)	11 mg
Meets Vickers 35VQ25 Pump Test	
Meets Denison HF-O	
Emulsion Test (ASTM D1401)	40-40-0
% ZINC by wgt.	.058