

**LUBRICANTS™****POWER TO PERFORM™****HYCOM LS SERIES  
COMPRESSOR OILS****SPECIAL FEATURES**

HYCOM LS grades are low sulphur high viscosity oils which can be used in syn gas compressors of make like Cooper Bessemer, Nuovo Pignone etc. The product will be compatible with syn gas operation at high pressure and there will be minimum risk of oxidation. The risk of catalyst poisoning is eliminated as the product has a very low sulphur content. (<0.25% wt)

**PHYSICO-CHEMICAL PROPERTIES**

	HYCOM LS		
	220	320	460
Kin. Viscosity @ 40°C, cSt	220	320	461
Kin. Viscosity @ 100°C, cSt	20.3	25.3	31.2
Viscosity Index	105	100	97
Pour Point, °C	-9	-9	-9
Acidity Inorganic., mg KOH/g	Nil	Nil	Nil
Flash Point, COC, °C	240	240	240
Rusting Test	Passes	Passes	Passes
Foam Tendency/Stability			
Sequence I	10/Nil	10/Nil	10/Nil
Sequence II	10/Nil	10/Nil	10/Nil
Sequence III	10/Nil	10/Nil	10/Nil
Oxidation Stability At 121°C, 312 Hrs, 10 Ltrs Air/Hour Inc In Kin Visc @ 100°C, %	2.62	3.77	4.44
Ash Content, % Mass,	0.04	0.04	0.04
Copper Strip, Corrosion, At 100°C For 3 Hours	1a	1a	1a
Demulsibility, 82°C, 20 Minutes	40-40-0	40-40-0	40-40-0
Air Release Value @ 90°C	12	14	17
FZG EP Test, PLS	12	12	12
Thermal Stability cm Procedure B	1.0	1.0	1.0
Copper Appearance	No Deposit /	No Deposit /	No Deposit /
Steel Appearance	Discoloration	Discoloration	Discoloration
Sludge	Trace	Trace	Trace
% Visc Increase	1.60	2.31	2.7

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