



## Shield Lubricants & Specialities Pvt. Ltd.

### LABORATORY TEST REPORT

PRODUCT NAME: SHIELD PROGEAR EP 80W90	DATE : 19/03/2018
BATCH NO: SL/18-03/844	

SR.NO	TEST	TEST METHOD	UNIT	SPECIFICATION		BATCH TEST REPORT
				Min	Max	
1	Appearance	Visual	-	Cl & Br	-	Cl & Br
2	Water Content	Crackle test	-	Nil	-	Nil
3	Density @ 29.5°C	ASTM D 1298	Kg/L	Report	-	0.8862
4	Colour	ASTM D 1500	-	-	L4.0	L3.0
5	Kinematic Viscosity @ 100°C	ASTM D 445	cSt	14.0	15.50	15.27
6	Kinematic Viscosity @ 40°C	ASTM D 445	cSt	Report	-	167.6
7	Viscosity Index	ASTM D 2270	-	90	-	91
8	Flash Point (COC)	ASTM D 92	°C	180	-	224
9	Pour Point	ASTM D 97	°C	-	-21	-21
10	Foaming, Tendency/Stability	ASTM D 892	ml/ml	-		
	Sequence I	-	-	-	300/0	0/0
	Sequence II	-	-	-	50/0	0/0
	Sequence III	-	-	-	300/0	0/0
11	Total Acid Number	ASTD 974	MgKOH/g	-	1	0.97

Remark: sample pass

Tested By: Sandip Bhayaje

Approved By:

Regd. Office: Commodity Exchange Bldg, 5th floor,  
Office no.522,Plot No. 2,3 & 4, Sector-19, Vashi,  
Navi-Mumbai : 400705, Maharashtra, INDIA.  
L: 022-27832855 Fax : 022-27832855  
Website : www.shieldlubricants.com