



Trane S5 Ultra Max

- Blended with selected HVI base oil and most modern additives
- Provides super performance for turbo charged diesel and gasoline engines
- Provides super engine protection against wear and tear, rust, corrosion and oxidation
- Enhances power and improves fuel consumption with anti-friction technology
- Maintain long engine oil service life and protects engines for long lasting service

Sizes: 200L, 5L, 1L

Specifications:

SAE	15W-40	20W-50
API CI-4	✓	✓
API CH-4	✓	✓
API SL	✓	✓
API SJ	✓	✓
ACEA E7-16	✓	✓
MERCEDES BENZ 228.3	✓	✓
MAN 3275	✓	✓
VOLVO VDS-3	✓	
DEUTZ DOC-II,III	✓	
MTU 2.0	✓	
MACK EO-N,M+	✓	
CUMMINS CES 20077,20078	✓	
CATERPILLAR ECF-2	✓	
CATERPILLAR ECF-1a	✓	✓
JASO-DH1	✓	
GLOBAL DHD-1	✓	
RENAULT RLD-2	✓	
DDC 93K215	✓	

Technical Information:

No.	TEST ITEMS	UNIT	STANDARD TEST METHOD	SPEC.	SPEC.
				TRANE S5 ULTRA MAX SAE 15W-40 API CI-4/SL	TRANE S5 ULTRA MAX SAE 20W-50 API CI-4/SL
1	DENSITY @ 15 °C	kg/L	ASTM D 4250	0.854 – 0.894	0.858 – 0.898
2	DENSITY @ 30 °C	kg/L	ASTM D 4250	0.844 – 0.884	0.849 – 0.889
3	FLASH POINT	°C	ASTM D 92	200 MIN.	200 MIN.
4	VISCOSITY @ 40 °C	cSt	ASTM D 445	REPORT	REPORT
5	VISCOSITY @ 100 °C	cSt	ASTM D 445	12.5 – 16.3	16.3 – 21.9
6	VISCOSITY INDEX	-	ASTM D 2270	130 MIN.	125 MIN.
7	TOTAL BASE NUMBER	mgKOH/g	ASTM D 2896	7.8 – 14.5	7.8 – 14.5
8	POUR POINT	°C	ASTM D 6749	- 20 MAX.	- 15 MAX.
9	CCS VISCOSITY @ -20 °C	mPa.s	ASTM D 5293	7,000 MAX.	-
10	CCS VISCOSITY @ -15 °C	mPa.s	ASTM D 5293	-	9,500 MAX.