



MASTER SOLUTION FOR VEHICLE AND EQUIPMENT LUBRICATION

## PRODUCT DATA SHEET

### ATMA ULTRA C3

#### Description:

ATMA ULTRA C3 are heavy duty diesel engine oils with high detergency level and excellent oxidation stability processed from solvent refined high viscosity index group I base stocks with a special additive system containing dosage of ashless dispersants, zinc thiophosphates and metal-organic detergents, Oxidation, Corrosion inhibitors & Anti fomenters, Antiwear additives to meet the requirements of the performance following standards. Available in mono grade of SAE 10&SAE 30

ATMA ULTRA C3 meets the requirements hydraulic fluid type Allison c-3 specification of Detroit diesel Allison division of GENERAL MOTORS, USA.

#### Specification:

Meets the below physiochemical characteristics of  
IS:13656-2002 [Internal Combustion Engine Crankcase oils (Diesel and Gasoline)]  
Type E – DL3/E-PL2, API CD/CD-II/SF, MIL-L-2104 D, MIL-L-46152 B, ALLISON C3

PACKING: - Available in Bulk, 210, 50, 20Ltr.

#### Application:

ATMA ULTRA C3 are recommended for lubrication of supercharged diesel Engines used highspeed, high output such as heavy-duty vehicles, earth moving equipment's, transmission systems of caterpillar equipment. Large generating sets, off-highway equipment & tractors. ATMA ULTRA C3 are also recommended as hydraulic fluid where type C3 specification of Detroit diesel Allison Division of GENERAL MOTORS, USA. and can be used as a hydraulic fluid in CATERPILLAR systems.

#### Performance benefits:

- Protection against corrosion to alloy bearings, ferrous and non-ferrous Engine components.
- Minimizes formation of deposits
- Minimize wear of cylinders
- Control on wear, corrosion and foaming
- Possess excellent oxidation stability ensuring long service life especially in transmission systems.

## Physiochemical characteristics:

CHACTERISTICS	TEST METHED IS :1448	IS 13656:2002 SAE10	ALSL SAE 10	IS 13656:2002 SAE30	ALSL SAE30
1. Appearance	Visual	Clear, bright and free from turbidity and sediment			
2. Viscosity @ 100°C cSt	P : 25	4.1(min)	5(min)	9.3 - 12.5	10 – 12
3. Viscosity Index, Min	P : 56	100	100	95	95
4. Flash Point COC° C, Min	P ; 69	190	190	215	215
5. Pour Point °C, Max	P ; 10	-27	-27	-6	-6
6. TBN mg KOH /Gm of Oil	P : 86	--	9.6(T)	--	9.6(T)
7. Foaming tendency / stability quantity of foam, ml/ml, Max a) at 24°C, Max b) at 93.5°C, Max c) at 24°C, after the test at 93.5°	P : 67	25/NIL 150/NIL 25/NIL	25/NIL 150/NIL 25/NIL	25/NIL 150/NIL 25/NIL	25/NIL 150/NIL 25/NIL

Performance additives / chemicals are blended as per recommended dosage level prescribed by additive manufacturer accordingly the specification was reported

- NOTE:**
- 1 ALSL policy is continual improvement. ALSL reserve the right to alter/modify/change Specification without prior notice and approval
  - 2.The above data is indicative values only. Minor variations, which do not effect specification, performance (or) quality, way be expected in processing and blending