

भारत सरकार
पृथ्वी विज्ञान मंत्रालय
भारतीय मौसम विभाग
डॉपलर मौसम रडार, 13 वीं मंजिल,
न्यू सचिवालय भवन
1,के.एस.रय रोड, कोलकाता-700001



Govt. of India
Ministry of Earth Sciences
India Meteorological Department
Doppler Weather Radar, 13th Floor,
New Secretariat Building
1, K.S.Roy Road, Kolkata-700001

No. CR/STS/ III /290

Dated: December 08, 2018

To
All concern

Sub : Tender enquiry for procurement of 20 lts Azimuth drive synthetic Gear oil SHC 220.

Sir,

Fresh sealed quotations are invited from the registered firms for supply of 20 litres Azimuth drive synthetic Gear oil SHC 220. The sealed quotation may be superscribed as "Quotation for supply of 20 litres Azimuth drive synthetic Gear oil SHC 220" and should reach this office positively by **1700 HRS of 21-12-2018** in the name of " Scientist-E, Doppler Weather Radar, N S Building, 1, K S Roy Road, Kolkata – 700 001".

This office reserves all right to reject any offer of bid (s) without assigning any reason.

Terms and condition & technical specification are enclosed in Annexure – I, II & III.

D. Roy Chowdhury
(D. Roy Chowdhury, Met-A) 6/12/18
For Scientist-E
Doppler Weather Radar, Kolkata

Delivery at : Scientist-E
Doppler Weather Radar,
New Secretariat Building (13th Floor)
1, K S Roy Road
Kolkata – 700 001.

Annexure – I

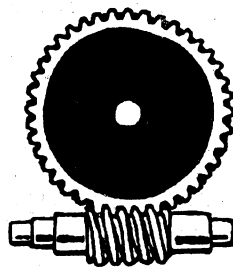
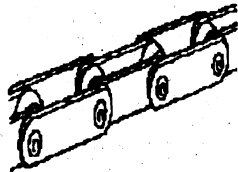
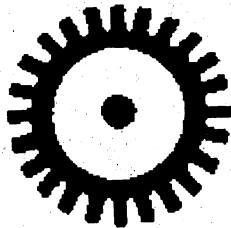
TERMS & CONDITIONS

- 1) Firms should be authorized registered vendor for the lubricating oil and letter of authorization from the principals be enclosed.
- 2) Quotations be submitted in two sealed separate envelopes for technical and financial bids.
- 3) The bidders can be present at the time of opening of technical and financial bids.
- 4) Firm should submit Sales Tax No., Service Tax No., GST No., PAN No. And Income Tax return along with bids.
- 5) Firms participating must submit a Certificate / Undertaking to the effect that any Government Deptt neither blacklist the firm nor is any criminal case registered against them.
- 6) The accepted tender will be valid up to three month from the date of acceptance of bid.
- 7) A copy of the terms and conditions duly signed by the firm(s) in token of having understood and agreed to the same should be attached along with the quotation.

2.3 Lubrication Data Sheets

Syntholube A 220

Synthetic Gear Oil



MOLYDUVAL Syntholube A 220 is a synthetic industrial gear, bearing and chain fluid with excellent high temperature stability and wear protection. Based on modern polyalphaolefines (PAO or SHC's) it is miscible with mineral oils, but it outsell the technical properties of mineral oils of all kind.

It meets and exceeds specifications which are usually demanded by gear manufacturers of modern industrial gears of all kind. Available is MOLYDUVAL Syntholube A 220 also in many other different viscosity classes, from ISO VG 5 to ISO VG 1500.

PROPERTIES

- antiwear characteristics
- good wear and scuffing behaviour
- low friction coefficient
- high temperature and high pressure characteristics
- best lubrication performance
- high oxidative and thermal stability
- very good viscosity temperature behaviour, high viscosity index
- much better seal and plastics compatibility than high temp gear fluids based on polyglycols
- miscible with mineral oils and ester based lubricants

APPLICATIONS

- for gears and circulation systems in industry at high loads and unfavourable operating conditions.
- for calanders in plastic industry, paper industry. Lifetime will be much times higher than mineral oils.
- as an heat transfer fluid in vulcanisation processing.
- for chain lubrication at extreme temperature chains (f.e. at pasteurisation plants, dry ovens, lacquer ovens, baking ovens, textile industry)



ANTENNA SYSTEM

VOLUME 02

METEOR 1500S

Technical Data	Spec	Unit	
Name	DIN51525		CLPHC220
Absolute Density, 15 °C	D 4052	kg/m ³	845
Kinematic Viscosity, 40 °C	D 445	mm ² /s	220
Kinematic Viscosity, 100 °C	D 445	mm ² /s	27
Viscosity Index	D 2270	-	154
Flash Point	D 92	°C	266
Pour Point	D 97	°C	-39
Colour	D 1500	-	clear
Carbon Residue	D 524	% mass	0,01
Rust Test, Proc. A and B, 24 h	D 665	-	0
Total Acid Number	D 974	mg KOH/g	
Foam, 5 min blowing, seq. 1/2/3	D 892	ml	20/10/20
Foam 10 min settling, seq. 1/2/3		ml	0/0/0
FZG Test, A/8,3/90	DIN 51354	load stage	> 12
Ash Content	AN7	%	0,01
Sulphurized Ash	D-872	%	0,04